

Chemical Week

INDEX

Volume 70—January-June, 1952

The letters (NL) following entries indicate that those items are to be found in the Newsletter.

A

Abbott Laboratories' New York Office moves to Teterboro, N. J.	June 14	46
Abrasives glue.....	Mar. 22	34
Acetic acid demand bolstered by new uses.....	Mar. 1	45
Acetone:		
Hercules Powder Co., to build plant for making phenol, acetone and para cresol.....	Jan. 26	42
Market status is in long supply.....	May 17	61
Acetylene:		
Determination of phosphine in acetylene.....	June 28	38
Wulf acetylene process to be used in three new plants.....	June 14	37
Acrylamide available in trial lots.....	June 7	32
Acrylic fiber to be produced soon.....	May 17	18
Acrylics:		
American Polymer Corp. produces two new acrylic thickeners.....	Jan. 19	36
Two patents for preparation of cyanoalkenes.....	Apr. 26	28
Acrylonitrile—Carbide & Carbon Chemicals to expand production.....	Mar. 1	12
ACTH:		
Australia to go into large scale production at Pacific Laboratories subsidiary.....	Feb. 16	25
Australian and Danish firm to produce ACTH in Australia.....	Mar. 1	20
Adhesives:		
Aluminum adhesive.....	Apr. 5	65
Bonding film.....	June 28	51
Cements for bonding polystyrene.....	June 28	50
Melamine-based synthetic resin glue.....	Mar. 29	28
Phenolic resin adhesive.....	Mar. 15	41
Polymer Industries produces Glass-Weld.....	Mar. 15	38
Advertising:		
Chemical industry spends more on advertising in proportion to sales than any other manufacturing group.....	May 24	54
Comic book to advertise Stauffer Chemicals.....	May 24	43
Reichhold Chemicals sponsors Town Meeting on TV.....	Feb. 23	12
Two firms agree to tone down their advertising.....	June 28	50
Aerosols:		
Carbona markets aerosol-dispensed soapless lather.....	Jan. 19	40
Deodorizes place after a fire.....	May 31	47
Layout for aerosol containers.....	Apr. 26	50
Milk is ingredient of new aerosol air deodorant.....	Apr. 19	50
Spray valve for aerosol-packaged coatings.....	Feb. 23	54
Sulfoxide approved for use in aerosols.....	June 7	52
Survey of the aerosol business.....	June 21	52
Agricultural chemicals research by Columbia-Southern Chemical Corp.	May 17	52
Air conditioners—Packaged unit for humidity conditioning.....	June 28	38
Airfoil blades in a centrifugal fan wheel.....	Jan. 26	42
Air Force switching to nautical mile as a standard measure.....	June 14	48
Air Pollution:		
Kentucky passes air-pollution law.....	Apr. 12	17
Los Angeles reports on pollution progress.....	May 3	37
May 31	34	
Louisville, Ky., chemical plants making survey of air pollution.....	June 28	19
M.C.A.'s legislative proposals at abatement conference.....	Mar. 1	48
Alarm unit.....	June 7	46
Alcohol:		
Detecting water in alcohol by paper chromatography.....	May 17	37

Fermentation alcohol price dips.....

Jan. 19 59

First shipment in Brownsville, Tex.

June 14 44

barge.....

May 17 61

Polyvinyl acetate to be marketed by American Monomer Corp.

May 31 37

Price gap bridged.....

May 17 61

Publicker Industries displays products manufactured with the help of industrial alcohol.....

Feb. 9 21

Weverhaeuser Timber to sublease alcohol-from-wood waste plant at Springfield, Ore.

June 21 16

Aldehydes from acetyl lignins.....

Mar. 15 66

Aldrin or Dieldrin: Julius Hyman forbidden to manufacture.....

Apr. 5 65

Hyman plant to be taken over by Shell Chemical Co.

May 3 46

Aklylation:

Lion Oil plans alkylation plant and barrel car checker plant.....

Feb. 16 20

Pure Oil adds another unit to construct alkylation unit.....

Feb. 2 19

Alethrin: Shipments to Japan.....

June 14 54

N allyl morphine—a morphine antidote put out by Merck.....

Apr. 12 26

Alumination:

Aluminum Ore Co. to expand alumina production.....

Mar. 29 12

Canada's Aluminum Ltd. to expand production at Jamaica.....

Feb. 16 20

Exxon to increase production of fused aluminum oxide.....

Feb. 16 20

Reynolds Metals to construct plant in Texas.....

Jan. 19 20

Aluminum:

African Gold Coast may build dam to exploit bauxite ore.....

June 28 16

Alcoa's Port Comfort pours first aluminum.....

Apr. 5 22

Aluminum Ore Co. of Canada to raise money for expansion.....

Apr. 5 26

Brazil considers plant for San Francisco Valley.....

Jan. 19 26

Drums of laminated aluminum foil and linerboard.....

June 28 49

Electrodeposition bath of ether solution of aluminum chloride and a metal hydride.....

May 31 29

Engle Inc. develops dye for aluminum.....

Mar. 15 41

French producer increases its capacity importation of aluminum and expansion is doubtful.....

June 14 17

Lacquer for aluminum storm windows.....

May 24 44

Mexico to construct plant south of Veracruz.....

Apr. 19 23

Philippines OEC turns down Reynolds Metals aluminum refining plant at Maria Cristina Falls.....

Feb. 2 22

Reynolds Metals plant at Longview, Wash. to expand.....

Feb. 2 19

Texas aluminum plants.....

Mar. 22 13

Tinting paste.....

Apr. 12 44

Tissue inserted between aluminum sheets treated for water staining.....

Apr. 19 45

Tube coatings of aluminum.....

June 21 63

American Chemical Society meets in Buffalo, N. Y.

Apr. 5 16

Twelve divisions meet in Milwaukee, Wis.

Apr. 12 12

American Coatings Mills purchase by Robert Gair Corp.

Apr. 19 19

American Institute of Chemists present Gold Medal Award.....

May 17 18

American Metal Co. acquires control of O. S. Polar Corp.

Apr. 12 16

American Metallic Chemicals Corp. appoints Caldwell Chemical as sales representative.....

Mar. 1 26

American Mineral Spirits Co. to distribute from Jackson, Miss.

Apr. 26 42

Amine derivatives for fungus control Block.....

Jan. 26 26

P-Amino-salicylic acid produced in Italy.....

Feb. 23 18

Synthetic dl tryptophan price cut.....

Feb. 9 47

Ammonia:

Allied Chemical & Dye will build ammonia, urea plant at La Platte, Neb.

May 24 14

Ammonia Scholven-Chemie again producing ammonia.....

Mar. 1 20

Anhydrous ammonia dispute between Best Fertilizer and San Jacinto Chemical settled.....

Feb. 2 16

Commercial Solvents to expand plant at Monroe, La.

Jan. 19 20

Hooker Electrochemical's Tacoma plant begins anhydrous ammonia production.....

May 24 14

Shell to have ammonia plant at Ventura, Calif.

May 24 14

Texas Technological College to do research on anhydrous ammonia.....

Feb. 2 30

Transfer unit for moving ammonia from tank car to storage tank.....

Feb. 23 44

Ammonium bicarbonate to be produced by Solvay in Syracuse.....

Apr. 12 14

Ammonia Sulfate:

Australia drives for plant at Mt. Morgan, Queensland.

May 24 22

Smelting by-passed in metals revolution.....

May 17 43

Anesthetics:

New drugs in the amino-alkoxy-isooxyloines.....

Apr. 5 36

Animal feed supplements tested at Michigan State College.....

Mar. 29 35

Ansul Chemical Co. expands offices.....

Mar. 1 26

Antibiotics:

Aldinamide is a new tuberculosic drug.

Feb. 16 32

Antibiotics may be of value in plant diseases.....

Apr. 12 42

p-Benzoic acid to treat goat.....

Apr. 26 50

Chloromycetin plant in Israel.....

May 31 22

Dihydrocillin.....

Jan. 12 38

Dihydro streptomycin to be produced in Brazil.....

May 3 22

Industrial and non-medical applications now are prime objectives of antibiotic research.....

Apr. 26 23

Mycomycin structure.....

May 3 29

Neomycin goes commercial.....

Feb. 23 32

Nydrazid to help cure tuberculosis.....

Apr. 5 18

Parke, Davis to open new chloromycetin plant.....

Mar. 15 57

Penicillin and bacitracin incorporated in newest antibiotic feed supplement.....

Mar. 15 66

Pfizer, Chas. & Co. awarded patents for the recovery of antibiotics from fermentation broths.....

Feb. 23

Tryptomase cured in mice not humans.....

Mar. 15 66

Vivici effective against pathogenic fungi.....

May 3 27

Antifreeze manual.....

Mar. 8 46

Antimalarials:

Hydrogase yields an antimalarial drug.....

Jan. 26 34

Parke, Davis & Co. studying compounds in resorcylic acid.....

Apr. 12 26

Antistatics:

Agent for use in sizing synthetic fabrics.....

Apr. 26 50

Antistatic and cleaning agent for acrylic plastics.....

May 3 47

Electrochemical Products Corp.'s antistatic electricity compounds.....

Mar. 1 42

Anti-Trust Act:

Du Pont, ICI and Remington lawyers asking whether the Government is out to relieve the situation or just to punish.....

Jan. 19 14

Du Pont and Imperial Chemical Industries hear decree by Federal Judge.....

May 31 31

General Dyestuff Corp. president faces charge of conspiring with U. G. Farben.....

Feb. 9 21

Ashland Oil & Refining buys property in Baton Rouge.....

Jan. 26 15

Aspirin made tasteless.....	June 14	52
Atomic dogtag.....	Feb. 16	32
Atomic Energy Commission:		
Brookhaven research reactor.....	Apr. 5	39
Carborundum Co. to supply zirconium to Britain.....	June 7	15
Fission product push.....	Apr. 26	26
General Electric unions at Hanford plant to receive isolation pay increase.....	May 17	21
Growth of industrial use of isotopes in five years reported.....	May 17	31
New materials testing reactor at Idaho Falls, Id.....	May 3	29
Oak Ridge has cheap, low power reactor.....	May 17	48
Oak Ridge uranium plant completed.....	May 24	14
Office of Industrial Development to be a two-way exchange.....	May 24	28
Paducah, Ky., labor strike.....	Apr. 12	12
Plans to increase purchasing.....	June 21	22
Trouble in acquiring new site.....	Apr. 5	26
24 new patents released.....	May 31	33
Atomic Power:		
Atomic pile under way in India.....	Feb. 23	18
Walter Kidde Nuclear Laboratories designed toward commercial development of atom power.....	Apr. 26	12
Atomic research to be done by Stanford Research Institute.....	Mar. 22	45
Attapulgus Clay to diversify interests.....	May 24	13
B		
Bacitracin ointments.....	Apr. 5	66
Bacterial contamination of blankets in army barracks reduced by an oil.....	June 7	35
Bakelite Co.'s two sales departments are merging.....	June 14	44
Baker M. H. Co., formed as sales agent for chemical specialties.....	Jan. 21	43
Barbiturate aid.....	May 31	33
Barge line between Louis and Omaha.....	June 21	47
Basic Magnesium, Inc. organized to buy Basic Magnesium.....	Mar. 22	25
Basic Refractories financed to expand Maple Grove, O., plant.....	Jan. 12	20
Purchases Sierra Magnesite and magnesite properties adjoining.....	Apr. 12	16
Batteries—Dry storage battery made by Firestone Tire & Rubber.....	June 7	52
Bauxite:		
African Gold Coast may build dam to exploit bauxite ore.....	June 28	16
Reynolds Metal Co. plant in Jamaica, Ray Chemical plant at Weeks, La.....	Jan. 19	26
Beckman Instruments selling stocks.....	Mar. 22	14
Belgium's Union Chimique et Solvay & Cie to merge.....	May 17	27
Benzene:		
Catalytic pressure refining process to extract benzene from coal gas introduced in the Ruhr.....	Feb. 16	28
Future benzene supply.....	June 21	56
Platormer-Udex combination to produce benzene and toluene.....	Apr. 6	30
Synthetic benzene may be produced in Russia.....	Jan. 12	23
Benzene hexachloride output and prospects.....	Feb. 2	48
Benzene patent.....	Apr. 5	36
Benzic acid—a major food preservative.....	Jan. 26	30
p-Benzoyl azoic acid as an ultra-violet screening agent.....	Apr. 19	32
Benzyl trimethyl ammonium hydroxide offered by Chemical Development.....	May 31	37
Beryl near Andover, Me., being developed.....	June 7	15
Beryllium-copper alloy plant to be constructed by Brush Beryllium Co.....	Jan. 12	20
2,5-bis(benzozquinone)bis-benzylchloride is a muscle relaxer.....	Feb. 2	40
Bismuth:		
Bismuth test.....	Jan. 19	36
Bureau of Standards procedure for determination of bismuth in lead-tin alloys.....	Mar. 22	41
Blaw-Knox's Chemical Plants Div. drafting room.....	Apr. 19	20
Bleaches:		
Barton Chemical Co. charges Purex Corp. with trying to eliminate competition.....	Mar. 29	26
Chlorox Chemical Co. at Charlotte, N.C. goes into volume production.....	June 21	53
Power bleaching system.....	June 28	81
Bob's laundry system.....	Apr. 26	36
"Boomboggle," new parlor game invented by chemist.....	June 21	22
Borax-American Potash producing crude borax pentahydrate.....	Apr. 19	20
Boron use by citrus packers in the West has been decreased.....	June 21	35
Bottles, plastic—suit for patent infringement.....	June 28	14

Brazos Oil & Gas signs agreement with Union Oil covering exploration, production.....	Mar. 29	14
Briquettes can be made of chemically-treated soil.....	May 10	35
Bromine, liquid mixed with cooling water to burn brine.....	Feb. 16	42
Bromo-allyl-phosphate resin coating of fibers to retard burning.....	Feb. 9	45
Brown-Allen Chemicals to merge with Standard Piezo Co.....	Apr. 19	15
n-Butyl acrylate now offered on a commercial basis.....	May 17	38

C

Cabot Carbon plant at Bayou Sale, La., Calvert City, Ky., built by chemicals.....	Mar. 22	15
Calvert Carbon plant at Bayou Sale, La., Calvert City, Ky., built by chemicals.....	Feb. 23	14
Calcium Carbide:		
India starts producing at new plant, Shawinigan Chemicals, Ltd., new plant near Montreal.....	Feb. 16	22
California Spray-Chemical Corp. warehoused by firm.....	Feb. 23	54
Canada Colors & Chemicals, Ltd., to handle Ohio-Apex products.....	Apr. 19	66
Carbide & Carbon to construct plant at Seadrift, Tex.....	June 28	14
Carbon converted to electrical energy—patent issued.....	Feb. 23	42
Carbon remover.....	Apr. 12	44
Carbon bisulfide—Stauffer Chemical building plant.....	June 21	14

Carbon Black:		
Columbian Carbon reports new carbon black will add life to tire rubber.....	June 28	31
H. L. Grund Co. to sell products of Godfrey L. Cabot, Inc.....	Mar. 1	26
High abrasive furnace black.....	Apr. 5	66
New dust-free carbon black.....	Mar. 15	41
Carbon monoxide copolymerizes with ethylene oxide to form novel polyketones.....	Apr. 19	30
Casein stays in oversupply.....	Mar. 1	43

Castor Oil:		
Brazil plants castor-oil based plastics.....	May 31	25
Processors looking at caprylic alcohol price decrease as clue to future changes.....	Feb. 23	61

Catalysts:		
Bay Chemical Co. to construct catalyst plant.....	Jan. 26	12
Berkman catalyst ups performance of octane in an automobile engine.....	Feb. 2	28
Davison Chemical construction petro-lem catalyst plant.....	Mar. 1	12
Honeywell's research to show a catalytic unit to produce odorless carbon dioxide and steam.....	June 7	45
Decision delay.....	June 14	39
Petrofume catalyst plant in England.....	May 24	20
Polymerization catalyst made by Advance Solvents & Chemical Corp.....	May 10	40
Caulking compound of polyvinyl plastic.....	Apr. 19	45

Caustic Soda:		
Hoover Electrochemical to erect plant in Michigan.....	Feb. 2	18
Superior Gas & Equipment Co. builds caustic soda and chlorine plant in the Philippines.....	Apr. 26	18
Yugoslavian expansion.....	Feb. 23	18
Celanese Corp. consolidates its textile activities in a division.....	June 7	15
Immigration.....	Feb. 9	12
Oil well comes on in Texas.....	Mar. 22	16
Plans stock issue for Canadian Chemical & Cellulose Co.	Mar. 22	16
Projects in Texas.....	Mar. 22	16
Resumes production.....	June 21	14
Suspends Rock Hill, S. C. acetate plant.....	Mar. 22	18
Colgate Development granted license covering one million acres of forest.....	June 14	17
Cellophane—Olin Industries to build plant in Indiana.....	May 24	14

Cellulose:		
American Society for Testing Materials to study cellulose standards.....	Mar. 8	24
Cellulose market business to become more active.....	Mar. 1	45
Documents in cellulose sandwich.....	Mar. 8	45
Israel may establish a cellulose plant.....	Feb. 2	22
Procter & Gamble to build Foley, Fla., cellulose plant.....	May 3	12
Spain to have cellulose plant near Malaga.....	Apr. 26	18
Synthetic sponges.....	Apr. 12	39
Cement, vinyl copolymer synthetic resins for.....	May 3	48

Ceramics:		
China glaze improved.....	Feb. 2	30
O. Hommel Co. to have California office.....	May 24	54
Chalks, fluorescent.....	Apr. 26	50
Cheese quality declined due to small amount of penicillin in cow's milk.....	Mar. 8	26

Chemical Developments:

Boosting Europe's chemical output.....	Jan. 19	14
Chemical process industries since 1947 (charts).....	Apr. 26	16
Chemical Week makes survey of production troubles and developments.....	Mar. 22	59
Chemical Week survey reveals that pressure shifts from purchasing agents to sales managers as chemicals are available for the third time.....	Apr. 26	11
Hawaii is gaining stature in the chemical industry.....	May 31	17
Louisiana grants ten-year tax exemption of construction projects.....	Apr. 5	22
Montreal as the center of Canada's chemical business.....	Apr. 12	11
New wholesale price indicators from the government.....	Mar. 8	10
Report—solid basis underlies expansion.....	Feb. 23	21
Chemical Equipment Sales Engineers Assn. Equipment group grows.....	Mar. 15	31
Chemical Institute of Canada convention.....	June 14	12
Chemical Market Research Assn. meeting.....	June 14	11
Chemical Specialties Mfrs. Assn.—Automotive Chemicals division formed.....	June 21	49
Meeting.....	Apr. 19	43
"Chemical Week"	June 7	52
Buyers' Guide to be published this fall.....	May 24	54
Changes in the magazine, W. A. Jordan.....	Feb. 16	2
Chemical Week Reports:		
Chemicals for fungus control, S. S. Block.....	Jan. 26	21
Gas chemicals—decline and fall?.....	May 10	25
Industrial research.....	Feb. 9	26
Solid basis underlies expansion.....	Feb. 23	21
Chemore Corp. to distribute for Italian firm Montecatini.....	Apr. 26	42
Chemotherapeutic agent to combat Dutch elm disease.....	Feb. 2	38
Chlorine:		
Diamond Alkali to expand Fairless, Ohio, plant.....	Mar. 29	12
Hercules Powder to utilize hydrochloric acid for regenerating chlorine.....	Jan. 19	48
Israel to develop chlorine plant.....	Apr. 12	14
Muscle Shoals plant starts operations.....	Apr. 12	20
Chloromycten—Larke, Davis Co. developing plant in Israel.....	May 31	22
Chlorophyll:		
American Chlorophyll, Inc. to merge with Strong Cobb & Co.	May 3	48
Archibald Daniels Midland Co. enters U.S. chlorophyll and xanthophyll industry.....	May 3	48
British Chlorophyll Co. importing chlorophyll.....	May 10	46
Hair restoring preparation has chlorophyll.....	May 31	48
Colgate Palmolive-Peet Co. suit challenging Rystan Co.'s patent.....	Mar. 22	37
Withdrawn	Mar. 29	25
Oat hay is new source of chlorophyll. Patents and developments in chlorophyll.....	June 21	51
Standard Insolse, Inc. to market chlorophyll treated insolse.....	Mar. 29	25
Strong, Cobb & Co. to merge with American Chlorophyll, Inc.	Apr. 19	50
Used in perfume, rug cleaner, moth repellent.....	May 17	55
Walgreen to sell toothpastes, mouth washes and perhaps shampoos with chlorophyll.....	May 10	50
Chromic acid—Chemical Safety Data Sheet published for chromic handling.....	May 3	37
Chromium—Synergistic chromium, W. H. Hartford.....	Apr. 5	4
Cigarettes:		
Sought character, H. R. Hammer.....	Apr. 12	2
Two racing controversies.....	Mar. 1	15
Cities Service to expand Lake Charles refinery.....	Mar. 22	15
Citric acid—Compound for metabolism probe.....	June 14	33
Cleaners:		
Carbon markets aerosol-dispensed soapless lather.....	Jan. 19	40
Clorox cleaner.....	Feb. 23	53
Cleaner's mutter for cleaning safety equipment.....	May 3	48
Cleaners prepares auto surface for waxing.....	June 28	50
Clogged drain cleaner.....	June 28	49
Dry cleaners puzzled on how to clean the new synthetics.....	Apr. 26	51
Dry-cleaning soap.....	Jan. 19	43
Glamour maker suing Glamorene maker.....	Apr. 12	44
Glamour vs Glamorene to be decided by Supreme Court.....	May 17	52
Glamour vs Glamorene to be decided by Supreme Court.....	June 28	51

Hard water cleaner.....	May 3 48	Fame, a new detergent for dish-washing.....	Apr. 19 49
Laundry compound.....	June 28 51	High foaming liquid detergent.....	June 28 50
Rug scrubbers—one praised by Readers' Digest.....	Feb. 23 51	Industrial detergent.....	May 3 48
Cleveland Electric Illuminating Co. buys lake front land for industry.....	June 21 15	Liquid synthetic detergents sales increase rapidly.....	Apr. 26 47
Coal:		Oritone Chemical Co. produces two nonionic surface-active agents.....	Mar. 22 44
Carbide & Carbon opens coal hydro-gasification pilot plant.....	May 10 66	Pennsalt of Washington to produce alkali cleaners and bottle washing compounds.....	Apr. 26 50
Enesco gas figures for coal hydro-gasification.....	Apr. 26 14	Pennsylvania Salt Mfg. Co.'s detergent for wet cleaning in the dry-cleaning industry.....	May 3 48
Gasification tests with coal in the Belgian Congo.....	May 24 22	Plasticware detergent.....	Apr. 5 66
Hydrogenation products to be made at Carbide and Carbon's Institute, W. Va., plant, on a schedule.....	May 31 37	Rol, a liquid detergent of Fels & Co., Standard of Indiana to produce detergent for motor oil additive.....	May 3 12
Koppers Co. to continue studies on coal gasification.....	Feb. 2 28	Stepan Chemicals introducing three new liquid synthetic detergents.....	May 24 43
National Petroleum Council begins third round in fight with Bureau of Mines on costs of synthetic fuels.....	Feb. 16 38	Diamond Alkali plants at Houston, Mar. 22 14	
Republic Steel planning coal by-products at Youngstown, Ohio.....	May 10 20	Diatomite production by Great Lakes Carbon's Dicalite Div.	June 28 37
Weekly loss of coal chemicals due to steel strike.....	May 10 59	2,3-dichloronaphthoquinone controls blue-green algae.....	Apr. 5 36
West Germany reports coal deficit threatens chemicals.....	May 17 27	2,4-dichlorophenoxyacetic acid separated in a mixture of chlorinated phenols.....	June 28 33
Coal gasification—Krauss-Kohf-chemie will reactivate its Fischer-Tropsch plant in West Germany.....	Feb. 16 25	Diesel fuel improved by Ethyl Corp. with ignition improver.....	Apr. 19 53
Coal Tar:		Diethylpropanediol available at Carbide & Carbon Chemicals.....	Jan. 12 38
Allied's Barrett Div. to expand capacity.....	Feb. 9 24	Dihydro streptomycin to be produced in Brazil.....	May 3 22
Koppers buys site from Kaiser Steel for coal tar processing plant.....	Jan. 26 12	Dimethyl acetamide comes from Daiac Laboratories.....	Mar. 8 26
Cobalt:		Dimethylamine plant to be constructed in Spain.....	Feb. 16 25
Smelting by-passed in metals revolution.....	May 17 43	2,2-dimethylcyclohexane standard at American Petroleum Institute.....	Feb. 16 34
Tris-acetylacetone cobalt.....	Mar. 29 36	Dimethyl-phenylpiperazinum iodide.....	Jan. 12 38
Coke ovens contract for Jones & Laughlin's plant awarded to Koppers.....	Mar. 29 12	Discount fix.....	Jan. 26 46
Color sorting machine.....	June 14 40	Distillation hazard eliminated by Schenley.....	May 17 46
Colorado Agricultural Chemicals Assn. formed.....	Feb. 9 46	Distillers Co. and Colonial Sugar Refinery Co. will amalgamate their Australian interests.....	Jan. 26 15
Colormeter.....	May 24 36	Distribution of Reichhold Chemicals from nearby plants.....	May 17 67
Columbia-Southern plant at Corpus Christi.....	Mar. 22 14	Distributor—man in the saddle.....	June 7 38
Columbian oxide to be made by Fansteel Metallurgical.....	May 24 14	Dithiocarbamates assayed in dust and spray formulations.....	May 24 27
Coatings:		Dolcin prohibited from claiming it is a cure for arthritis, rheumatism.....	Feb. 23 53
Copolymer coating for paper, inks, adhesives.....	May 3 48	Dolomite—Two new dolomite plants in Florida.....	Feb. 2 19
Mineral coating to halt water seepage through masonry.....	Mar. 29 28	Dominion Tar & Chemical's Standard Chemical Div. sells antifreeze to Commercial Alcohols Ltd.	June 14 14
Neoprene coatings.....	Apr. 5 66	Dow Chemical's Bush Aromatics Div. changes name to Dow Chemical.....	June 14 17
New protective coating.....	May 3 47	Dow Chemical Co. plants at Freeport and Velasco.....	Mar. 22 14
Penta Salt studies coatings that protect against corrosion.....	May 31 39	Dow Chemical and Sun Oil trade real estate.....	May 31 12
Specific Finishes, Inc. Chicago is production pool authorized by DPA.....	Mar. 29 28		
Symposium to be held on Recent Advances in Industrial Finishes.....	Feb. 2 30		
Comic book to advertise Stauffer Chemicals.....	May 24 43		
Commercial Chemical Development Assn.—Sales and marketing do the talking on new product development.....	Apr. 5 58		
Commercial Chemicals have own warehouse.....	May 10 46		
Commercial Solvents plants at Sterlington, La.....	Mar. 22 14		
Commonwealth Engineering Co. performs a Technical Audit on pipe companies.....	Mar. 29 13		
Computer electrical analogue.....	May 31 41		
Concrete fortified by plastic.....	Apr. 12 28		
Consolidated Chemical Industries plant at Baton Rouge.....	Mar. 22 14		
Consolidated Mining & Smelting supplying teeth and mouthwash to workers in the zinc room.....	Mar. 29 17		
Construction materials and costs.....	Feb. 23 11		
Containers:			
Cans for cars.....	June 14 52		
Crinkled bags.....	Mar. 15 33		
Drum-emptying system.....	May 17 48		
Drum printing.....	Mar. 22 58		
Drum reconditioning service.....	Feb. 23 44		
Drums decorated with four-color lithography.....	June 28 42		
Driptite coated aluminum foil and linerboard.....	June 28 40		
Fiber drums aplenty.....	May 31 37		
Matheson Co. now features between size cans.....	June 7 40		
More containers now.....	Jan. 26 11		
Multwall paper shipping bags setting the pace for chemical containers.....	May 3 39		
Multwall sack uses offered free packaging service.....	June 28 42		
Open-faced carton.....	Feb. 2 38		
Paper containers for packaging soaps, liquids.....	Mar. 15 44		
Polyethylene carbons.....	Apr. 12 57		
Sharp & Dohme revises packaging line and saves with substitute materials.....	Apr. 26 40		
Steel Shipping Containers Institute to direct traffic.....	June 28 42		
Tin containers for insecticides not released by the government.....	Feb. 16 54		
Continental Oil Refinery enlarged, Lake Charles, La.....	Mar. 22 15		
Controllers:			
Heat control.....	Apr. 12 36		
Pyrometer controller.....	Feb. 2 36		
Temperature control.....	June 7 46		
Conveyors—Pneumatic tube.....	May 31 42		
Copper:			
Smelting by-passed in metals revolution.....	May 17 43		
Turner Construction awarded contract for development of Copper Range, Butte, Montana County.....	Apr. 19 23		
Copper-naphthalene chemical for fungus control S. S. Block.....	Jan. 26 21		
Copper- <i>o</i> -quinoindole, chemical for fungus control S. S. Block.....	Jan. 26 22		
Corn Products Refining Co. is unable to expand Bluebonnet plant.....	Mar. 29 14		
Produces glucuronolactone.....	May 31 26		
Corporate giving to colleges.....	May 31 13		
Cortisone:			
Radioactive cortisone.....	Feb. 23 37		
Radioactive cortisone for research.....	May 24 30		
Shering Corp. converts cattle products into cortisone.....	Feb. 16 32		
Synthesis of cortisone being done by Sir Robert Robinson.....	May 3 29		
Tablets of cortisone acetate to be marketed.....	Mar. 15 44		
Upjohn Co. pioneers new synthesis, a microbiological oxidation of cortisone intermediates.....	Apr. 19 30		
Cosmetics:			
Delaney Committee taking testimony in New York.....	Jan. 19 13		
Manufacturers adjusting ceiling prices to OPS regulations and new trade practice rules.....	Feb. 9 46		
OPS clarifies rules.....	Feb. 23 53		
Cotton acetylated with acetic anhydride.....	Apr. 19 28		
Coupling designed for the transfer of corrosive liquids.....	May 3 37		
Cryogenics studied in the production of stainless steel.....	May 17 37		
Cutting and synthetic.....	May 3 48		
Cyanamid Co. to build plant near New Orleans.....	Mar. 22 16		
Cyanocrylic acid produced by Kay Fries.....	Feb. 9 34		
Cyclohexanone yields vitamin A by new synthesis.....	May 17 38		
Cyclone booster R. H. Bradt.....	Feb. 2 2		
D			
Daly-Herring Co. a new specialty plant.....	Jan. 12 35		
Davison Chemical plant near Lake Charles, Texas.....	Mar. 22 14		
DDT:			
Alabama Chemical Co. to construct plant at McIntosh, Ala.....	Jan. 19 25		
Cyanide to be used in DDT.....	May 10 49		
Tent caterpillars reduced by sprays.....	May 17 52		
United Nations to build four DDT plants abroad which may jeopardize American markets.....	Mar. 24 13		
Defense—Security poster.....	Apr. 5 21		
Defense Production Administration:			
Chemical expansion for the third time. Current lists of certified chemical facilities.....	Apr. 26 11		
Jan. 26, 11; Mar. 8, 11; Mar. 15, 22; Mar. 29, 19; Apr. 5, 17; Apr. 19, 15; May 3, 11; May 10, 20; May 17, 18; May 24, 13; May 31, 15; June 7, 16; June 21, 16; June 28, 12	Jan. 12 17		
Henry Ford is new chief.....	May 17 15		
Rust for chemical expansion certifies about over.....	Mar. 29 20		
Supply-demand balance for some chemical commodities.....	Mar. 15 53		
Wilson's legacy.....	Apr. 19 13		
Defoliant, chlorate type cotton.....	June 21 54		
Dehumidifier exporters.....	June 7 46		
Dehydroacetic acid used for fungus control S. S. Block.....	Jan. 26 29		
Used to treat cheese wrappings penetrated the cheese.....	Apr. 19 50		
Deodorants:			
Aerosol air, contains millium.....	Apr. 19 50		
Aerosol bomb deodorizes place after a fire.....	May 31 47		
High-ozone Odor-out lamps for industries.....	May 24 44		
Marketed in Germany.....	Jan. 26 15		
Desk for scanning instruments.....	Feb. 16 42		
Detergents:			
Animal feed supplements tested at Michigan State College.....	Mar. 29 35		
Associated Chemicals Co. to produce detergents in Aiken, S. C.	Feb. 2 38		
Breeze, synthetic detergent.....	Apr. 12 44		
Dairy Farm Cleaner offered.....	Mar. 22 32		
Devices to add detergents at the faucet.....	May 10 50		
Diamond Alkali's detergents to be distributed by M & L Supply Co.	Apr. 26 42		
Diamond Alkali Co. offers detergent for dairies.....	Mar. 15 44		
Dyes:			
American dye producers find European producers cutting in on sales.....	Mar. 29 11		
Ciba States, Ltd. plant near Lakehurst.....	May 17 21		
Coal tar hair dyes definition to be examined by the FSA.....	Mar. 15 58		

Dye stripper.....	Mar. 15	44
Enthone, Inc. develops dye for aluminum.....	Mar. 15	41
Fluorescent dyes in Germany.....	Feb. 23	18
A former segment of I. G. Farben to produce dyes.....	May 31	25
German Farbenfabriken Bayer Laboratories puts out their new luminous dyes.....	Mar. 8	24
German firm develops new red dye.....	Mar. 8	37
India's new pharmaceutical and dye stuff plant starts operations.....	Mar. 29	20
Synthetic fiber dyeing.....	May 24	25
Textiles dyes from citrus fruit.....	Feb. 16	34
Three new blues.....	Mar. 15	66
Dyed covers for valves and flanges.....	Jan. 26	42

E

Editorials—Overselling is dangerous.....	June 7	2
Edwal Laboratories receives funds for expansion.....	Apr. 5	26
Elastometer by Du Pont.....	Apr. 12	28
Electrodeposition of metals by bath of ether solution of aluminum chloride and a metal hydride.....	May 31	29
Electro-Hydraulic energy electrons in food and drug sterilization.....	Mar. 1	28
Emery Industries sells candle-making operations to Candle Lite.....	Mar. 29	13
Employee relations—Standard Oil of Calif. diagnosis of employee relations.....	May 3	10
Enamels:		
New Process D-Enameling Corp. may go abroad.....	Mar. 29	28
Porcelain enamels fused to metals to produce murals.....	Mar. 29	26
Enzymes—Reheis establishes a division to produce vegetable enzymes.....	Apr. 12	26
Equipment shortage with slow deliveries.....	Feb. 9	32
East Standard expansion at Baton Rouge.....	Mar. 22	15
Esters that are suitable for fungus control S. S. Block.....	Jan. 26	29
Extradadio cyclopentylpropionate, a new hormone to treat cattle.....	Feb. 9	32
N-ethanesulfonamides to treat shock.....	Apr. 12	28
Ethanolamines:		
Carbide & Carbon Chemicals now producing.....	Feb. 16	34
To be produced by Jefferson's Port Neches unit.....	Apr. 12	14
Ethyl Corp. facilities in Houston, Tex. being warmed up.....	Mar. 22	14
Ethyl-butylpropanediol available at Carbide & Carbon Chemicals.....	Jan. 12	38
Ethyldibutyl-Sheil Chemical increases output.....	Feb. 9	24
n-Ethyl maleimide offered on a commercial basis.....	May 31	33
Ethylene diamine tetra-acetic acid sales in 1951.....	Jan. 19	39
Ethylene dibromide to control insects in timber.....	Feb. 16	52
Ethylene glycol-tetraphenyllic acid polymer is newest product of Du Pont research.....	Feb. 16	31

Ethylene Oxide:		
Mathieson's Doe Run plant reaching capacity.....	Mar. 15	17
Ethylene oxide and ethylene glucol produced by Mathieson Chemical.....	Jan. 26	12
Ethylene oxide to be tested for their inhibitory activity.....	Apr. 5	39
3-ethyl-2-pentene standard at American Petroleum Institute.....	Feb. 16	34
Explosives—Hawaii and Alaska limited to 500 lbs of explosives per shipment.....	June 28	44
Explosions:		
Goodrich, B. F. has explosions at South Akron plant.....	Feb. 2	20
Hazards eliminated by Schenley Distillers.....	May 17	46
Texas city fertilizer explosion suits.....	June 21	16

Exports:		
Companies charged with shipping aluminum oxide to Hungary.....	Jan. 12	14
Dow Chemical Co. sets up two export companies to handle foreign market.....	Feb. 23	47
Hercules Powder forms two export subsidiaries.....	Mar. 22	58
Albert Nyegaard, Danish importer-exporter denied export privileges.....	Apr. 26	13
Statistical short cut.....	June 14	44
U. S. Rubber is second best customer for chemicals in 1951.....	Feb. 23	18
Victor Chemical Works forms two international corporations.....	Mar. 15	33
Eye glass cleaner of sodium oleate and sodium alkyl naphthalene sulfonate mixture.....	Feb. 23	53
Eye lotion—Winthrop-Stearns.....	June 21	54

F

Fan, exhaust.....	Apr. 19	38
-------------------	---------	----

Farben, I. G.—Dormagen plant not to be separated.....	Mar. 1	22
Reorganization.....	May 3	15
To produce dyes.....	May 31	25
Farrell-Calhoun moves to Memphis.....	June 28	50
Fair Trade:		

Bills before Congress.....	Feb. 16	51
Hearings on two bills near an end.....	Mar. 1	41
Passed the House and now simmers in the Senate.....	June 14	52
Fatty Acid:		

Emery Industries plans addition to Cincinnati facilities.....	Apr. 12	14
Koch & Co., Inc. an agent for trading of fatty acid esters.....	Apr. 26	42
Manufacturers become fatty acid division of the soap and glycerine producers association.....	Feb. 2	11
Produced by lactobacilli.....	Mar. 22	44
Vegetable oleic.....	May 10	53

Ferro Corp. forms three new domestic		
Feb. 23	48	
Has been diversifying its activities.....	Mar. 22	18
To control Wet Met Co.....	Apr. 19	16
Fertilizers:		

Best Fertilizers Co. to build Stockton, Calif. plant.....	June 21	54
Boron fertilizers tested by Iowa State College.....	Apr. 12	28
Chemical Company of America to erect fertilizer plant in Colombia.....	Mar. 1	20
Concentrated water soluble plant nutrient.....	Feb. 23	54
Cooperative Fertilizer Service to have Louisville, Ky. plant.....	May 3	48
Delaney Committee reports on chemical fertilizers.....	May 24	11
Ferro Corp.'s porcelain fertilized.....	Mar. 3	47
Indonesia opens fertilizer plant in Sindri, Bihar.....	Mar. 22	23
International Minerals & Chemical Co. opens new plant.....	Mar. 22	34
Louisville allows dry-mix fertilizer plant to be built.....	June 21	16
Louisville, Ky. refusing to have a fertilizer factory due to the smell.....	June 7	24
Mathieson Chemical Corp. acquires fertilizer division of Toxera Land & Cattle Co. in Texas.....	Mar. 15	44
Mathieson Chemical Corp. buys Temple Cotton Oil Co. fertilizer.....	June 21	54
Monsanto Chemical boosting production of plant nutrients.....	June 7	52
Na-Churs Plant Food Co. to make liquid fertilizer.....	Mar. 8	48
Naco Fertilizer Co. replacing burnt plant near Ft. Pearce, Fla.	Mar. 8	48
Naco Fertilizer constructing plant near Ft. Pearce, Fla.	Mar. 8	48
Oklahoma Fertilizers to construct ammonia fertilizer plant at Oklahoma City.....	Feb. 2	18
Pav Crop Fertilizer Co. organized.....	Apr. 26	50
Seagrove Chemical offers buying shows nitrogen short.....	Feb. 9	51
Vermiculite, a compressed peat moss mixture is a fertilizer, too.....	Feb. 2	38
Virginia farm department to discontinue permits for insecticide fertilizer mixtures.....	Apr. 19	46
Fertilizers see also Soil stabilizers		

Fiber Glass:		
Lamination of silicone glass.....	Apr. 26	36
Pittsburgh Plate Glass Corp. to have filter glass plant.....	Jan. 26	12
Plastic tanks reinforced with Fiberglas mat for desert transport.....	May 31	21
Silicone-impregnated glass cloth makes bags to filter dust from exhaust gases.....	Apr. 26	32
Silicone rubber impregnated Fiberglas.....	May 17	48
Filling scale.....	Feb. 23	44
Filters:		
Filter bags of silicone-impregnated glass cloth.....	Apr. 26	32
Orlon filter.....	May 31	41
Test filters.....	June 7	46
Financial:		

Aluminum Co. files statement.....	Jan. 26	15
Aluminum Co. sinking fund debentures oversubscribed.....	Feb. 16	20
American-Canadian Uranium files statement.....	Jan. 19	26
American Cyanamid to increase the number of shares.....	May 3	11
American Marietta's stock deal approved.....	Feb. 16	20
Apex Smelting to sell stock.....	May 31	12
Applied Research Labs offers stock shares.....	June 14	17
Archer Daniels-Midland to issue stock.....	June 28	14
Blockson Chemical offers common stock.....	June 21	19
Bristol Myers to sell shares.....	June 7	15
Brown & Root's Paper-sells notes.....	Jan. 19	25
Canadian Chemical & Cellulose's stock offer oversubscribed.....	Apr. 12	16
Chemical company earnings—1951 (tables).....	May 3	15
Chemical financing in 1951 (table).....	Feb. 2	16
Chemical Research Corp. acquires control of Maule Industries.....	June 21	16
Chemical stock purchases by investors (table).....	Apr. 26	12
Chemstrand's financing program.....	May 17	18
Cleveland Graphite takes a loan.....	Mar. 29	14
Corning Glass arranges finances with insurance company.....	Feb. 2	19
Corporate giving to colleges.....	May 31	13
Davidson Corp. authorizes shares of preferred stock.....	May 3	12
Dayton Rubber increases loan.....	June 21	16
Deere & Co. planning finances.....	June 21	16
Dewey & Almy arranges financing.....	Feb. 2	20
Diversey Corp. net sales.....	Mar. 22	34
Domestic Tar & Chemical needs expansion capital.....	Mar. 29	14
Dow Chemical plants split of common stock.....	June 14	14
End-product classification of DPA—approved tax write-offs (table).....	June 14	14
Falls Industries receives loan.....	Jan. 26	15
I. G. Farben reorganization.....	May 3	15
Federated Petroleum plans to share stock.....	May 31	12
Finnish analysts meet.....	May 17	17
Ford Machinery & Chemical negotiates loan.....	May 17	18
Food Machinery & Chemical plans new stock issue.....	May 3	11
Foot Mineral wants to borrow more money.....	June 14	17
General Aniline & Film Corp.—synthetic formed to purchase General Tire & Rubber par value to be split.....	May 3	9
Glass Fibers' stockholders approve rise in common stock.....	Feb. 16	20
Goodyear adds common stock.....	Apr. 19	16
Hercules Powder Co. hedging against inflation.....	Apr. 12	16
Homestead Mining borrows money on a DPA loan.....	Feb. 2	14
Hooker Electrochemical borrows money.....	Feb. 16	22
Hooker Electrochemical sells notes to private investors.....	Mar. 29	14
Husky Oil plans sale of common stock.....	Apr. 12	16
Imperial Chemical Industries may intend to issue stock.....	June 21	19
International Mineral & Chemical to issue stock.....	June 28	14
Kaiser Aluminum stock marketed.....	Jan. 19	25
Koppers Co. to sell shares of common stock.....	Feb. 16	22
Liquid Carbolic to sell debentures.....	Apr. 12	16
Lone Star Cement to sell common stock.....	Apr. 19	16
Lone Star Cement withdraws from sale of stock.....	May 31	12
Mathieson Chemical stockholders to vote on setting up stock plan for employees.....	Mar. 22	20
Merritt-Chapman & Scott authorizes stock issue.....	Feb. 2	20
Monsanto Chemical stock issue sold privately.....	Jan. 19	25
Montecatini Co., Italy, gives annual report.....	May 17	26
National Alfalfa offers stock of National Chlorophyll.....	June 14	14
National Gypsum Co. acquires Wesco Water Paints.....	Apr. 12	16
National Gypsum borrows money.....	June 14	17
National Research to sell common stock.....	Apr. 12	16
Newmont Mining wants Sherritt Gordon Mines to sell bonds.....	June 21	19
Owens-Corning Fiberglas to offer stock to public.....	Feb. 2	20
Pennsylvania Salt Mfg. Co. to offer common stock.....	Apr. 19	16
Penticon Chemical Fibre to sell bonds.....	June 28	14
Philippine financing for industrial development.....	Feb. 16	22
Phillips Chemical credit arranged for expansion.....	Feb. 16	20
Pittsburgh Coke & Chemical plants further vertical integration.....	Apr. 12	14
Pittsburgh Plate Glass making first mining project.....	Mar. 29	14
Pittsburgh Plate Glass offers debentures for sale.....	June 21	16
Pittsburgh Plate Glass sells notes.....	Apr. 12	14
Pittsburgh Plate Glass offers to buy shares of Murphy Paint, Montreal.....	Feb. 2	20
Procter & Gamble borrows from pension funds and insurance interests.....	Apr. 12	14
Publicker Industries to sell stock.....	Mar. 29	13
Reichhold Chemicals sells bond.....	May 24	14
Report on solid basis underlies expansion.....	Feb. 23	21
St. Joseph Lead to ask for increased capital stock.....	Feb. 16	20
Southern Oxygen float debentures.....	Jan. 26	14
Standard Oil of Indiana to increase common shares.....	June 14	17
Stock option and purchase plans for employees win favor with company.....	Apr. 5	15
Udyline Corp. may acquire stock of L. H. Butcher.....	June 14	14
Union Oil of California bonds oversubscribed.....	May 17	18
U. S. Rubber arranges sinking fund.....	Jan. 19	25
U. S. Rubber stock plan approved.....	Jan. 26	15
Finish for automobile metal trim.....	Jan. 12	35

Fire extinguisher, corrosion resistant	Apr. 12	36	General Electric offers scholarships	Apr. 12	28	Hydrazinophthalazine reduces blood pressure	Apr. 12	28
Fire extinguisher systems, pre-engineered	Mar. 22	62	General Tire & Rubber starts production at Baytown, Tex.	Mar. 22	15	Hydrides—Metal Hydrides constructing research building	May 17	37
Flame retardants needed for textiles	Feb. 9	45	Gentisic acid synthesis patent issued	Jan. 12	38	Hydrocarbons:		
Floor covering survey	Jan. 12	38	German Technical Fair	June 7	18	Kenrich Corp.'s starts production of aromatic hydrocarbon polymers at Land Hill plant	Mar. 15	18
Floor patcher	Jan. 28	51			Krupp Kohlchemie will reactivate its Fischer-Tropsch plant in West Germany	Feb. 16	25	
Flotation frother developed by Dow Chemical	Mar. 8	48						
Flowmeter introduced by Fischer & Porter	Mar. 15	61	Germicides:					
Flowmeter of plastic	Apr. 5	47	Cloth treated with germicide	May 17	55	Stauffer Chemical to construct hydrochloric acid plant	May 24	14
Flow meter	June 14	40	Methylchlorothymol, new germicide,ocide, and preservative	Apr. 19	50	Ullman's Chlorine Powder generating chlorine	Jan. 19	48
Fluorinated alkyl phosphate incorporated into aqueous polymerizations of tetrafluoroethane	May 31	33	Steinman Chemicals markets new germ killing rinses	Mar. 22	32	Hydrogen chloride to be piped from Stauffer Chemical to Du Pont neoprene plant	Mar. 29	13
Fluorine:			Glass—Owens-Illinois Glass merges two of its subsidiaries	June 7	15			
Chicago firm sells bottled water containing fluorine	Mar. 15	46	Glass Fibers opens sales office in N. Y. C.	Apr. 5	62	Hydrochloric Acid:		
Cleveland lawyers suit to prevent fluoridation of their water	June 28	14			Stauffer Chemical to construct hydrochloric acid plant	May 24	14	
Fluorides added to table salt as alternative to drinking water not practical	May 3	30			Ullman's Chlorine Powder generating chlorine	Jan. 19	48	
Sodium fluoride dental polished paste	May 31	46			Hydrogen chloride to be piped from Stauffer Chemical to Du Pont neoprene plant	Mar. 29	13	
Steel plant in Geneva, Utah, finds stack discharges poison cattle	June 7	24						
University of Oklahoma produces compound for fluoridating drinking water	Apr. 5	66			Hydrogen Peroxide:			
Water fluoridation evidence presented before the Delaney Committee	Mar. 1	12			Bleachers of groundwood pulp to take output of two new hydrogen peroxide units	Feb. 23	61	
Fluorocarbons—Producing fluorocarbons by reaction of bismuth pentfluoride with higher hydrocarbons	Mar. 15	66			Enzymatic product for the decomposition of hydrogen peroxide	Mar. 15	66	
Fluorochemicals for electrical applications	Apr. 5	36			Hydroponic debate R. M. Carleton	Jan. 19	2	
Fluorospar:								
Kaiser Aluminum & Chemical Co. to construct mill near Fallon, Nev.	Apr. 19	16						
Reynolds Mining & Kaiser Aluminum purchase fluor spar mines	Feb. 23	17						
Foam slow burn	June 28	49						
Folic acid experimental use shows new chemical changes in living tissue	Feb. 9	28						
Folic acid patent suit between Parke, Davis & Co. and American Cyanimid	June 28	14						
Food Chemicals:								
Bread standards signed by FDA	May 24	12						
Delaney Committee's tactics deplored	Mar. 22	24						
Delaney Committee taking testimony in New York	Jan. 19	13						
Food products trends according to Nielsen Index	Feb. 2	38						
Formaldehyde—Standard Chemical to distribute for Bakelite Co.	Mar. 8	42						
Freight Sulphur plants in Mississippi Delta	Mar. 22	15						
Freight Mobile, Ala., packs freight on wharf, cuts cost of freight	Apr. 19	65						
Freight cars of plywood Union	Jan. 12	14						
Freight rates—Railroads' turn to be heard	May 31	37						
Fuel:								
Bureau of Mines' synthetic fuels research bill helped by industry	Apr. 19	27						
Diesel fuel improved by Ethyl Corp. with ignition improver	Apr. 19	53						
Koppers Co.'s new synthetic liquid fuels research program	Feb. 2	28						
National Petroleum Council opens third round in fight with Bureau of Mines on costs of synthetic fuels	Feb. 16	38						
Fuller, H. B. Co. incorporated	Apr. 12	44						
Fumes:								
Fume damage suits against Reynolds Metals Co. won by 19 farmers	Jan. 26	12						
Houdry shows a catalytic unit to produce odorless carbon dioxide and steam	June 7	45						
decision delay	June 14	39						
Fungicides:								
Calcium to control brown patch	Feb. 2	38						
Certain rubber accelerators are also good fungicides S. S. Block	Jan. 26	29						
Chemicals for fungus control S. S. Block	Jan. 26	21						
Cutter laboratories with Undesilin to cure athlete's foot	Feb. 23	53						
Du Pont experimenting with new fungicide	Jan. 12	32						
Phenyl mercury oleate fungicide	June 28	50						
Simple technique for the laboratory assay	Mar. 29	37						
Furfural—Quaker Oats to build furfuryl alcohol	June 7	16						
G								
Gas, synthesis, for preparing liquid fuels to be improved by U. S. Bureau of Mines	June 15	39						
Gasoline:								
American technology makes gasoline in Italy	June 7	23						
Benzene catalyst ups performance of octane in an automobile engine	Feb. 2	28						
Geigy, J. R. buys land in Mobile, Ala.	Mar. 22	18						
General Aniline & Film Corp.—syndicate formed to purchase	May 3	9						
Gas, synthesis, for preparing liquid fuels to be improved by U. S. Bureau of Mines	June 15	39						
Germicides:								
Apricots increase in size due to 2,4,5-T	Feb. 2	40						
Effect of hormones upon unproductive dairy cows	Jan. 26	38						
Lederle Laboratories reports a simplified synthesis of the steroid, compound F	Mar. 8	24						
Life of a lemon prolonged by weed hormones	Jan. 26	49						
Product isolated from pepsin digests of coriander	May 17	37						
Yeast Testrex sale halted	June 28	14						
Hose, flexible	Mar. 9	38						
Howard & Sons, Ltd. sets up Canadian subsidiary	Apr. 5	26						
Huber, J. M. plant near Baytown, Tex.	Mar. 22	15						
Hydrazine tracer	May 24	28						
H								
Hail control in South Africa	Jan. 26	15						
Hanoxta Chemical & Mfg. planning a plant at Springfield, N. J.	Feb. 2	19						
Hawaii is gaining stature in the chemical industry	May 31	17						
Herbicides:								
Crabgrass killer	June 14	54						
Monsanto developing hormone-type weed-killer	Jan. 12	30						
Monsanto producing isopropyl N-phenyl carbamate	Mar. 8	48						
Name and active chemical quantity used per acre (table)	Jan. 19	40						
Hexachlorophene studied for use on skin of experimental animals	May 3	48						
Hexaethyl lead converted to tetraalkyl lead compounds	June 14	33						
Heyden Chemical plant at Houston Ship Channel	Mar. 22	16						
Hilton-Davis Chemical Co. acquires distribution center	Apr. 5	62						
Histamine synthesis from Scotland	Apr. 5	39						
Hoover Electromechanical to expand at Tacoma, Wash.	Jan. 12	20						
Hormones:								
Apricots increase in size due to 2,4,5-T	Feb. 2	40						
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Hydrazine tracer	May 24	28						
G								
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Gas, synthesis, for preparing liquid fuels to be improved by U. S. Bureau of Mines	June 15	39						
Germicides:								
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Methylchlorothymol, new germicide,ocide, and preservative	Apr. 19	50						
Steinman Chemicals markets new germ killing rinses	Mar. 22	32						
Glass—Owens-Illinois Glass merges two of its subsidiaries	June 7	15						
Glass Fibers opens sales office in N. Y. C.	Apr. 5	62						
Glass Fibers:								
Glass fibers out with new fibers similar to quartz	Mar. 1	32						
Glass paper	Feb. 16	16						
Owen-Ford's new Parkersburg, W. Va., producing	May 10	20						
Reardon Industries selling glass fibers	Feb. 9	40						
Vibradamp composed of glass fibers controls shock, vibration	Mar. 22	60						
Glidden Co. settles price complaint by giving check to OPS	June 14	22						
Gloves, canvas, coated with vinyl plastic	Jan. 26	42						
Glucuronolactone produced by Corn Products Refining	May 31	26						
Glue—Reichhold Chemicals, Inc. and the American Marietta Chemical Co. squabble about glue	Feb. 2	14						
Glutathione labeled with sulfur available	Feb. 16	32						
Glycerine:								
Cereal bar held together by glycerine	Jan. 26	49						
Drums from Holland	June 28	16						
Production in recent years	Jan. 12	41						
Shell Chemical increases glycerine output	Feb. 9	24						
Glycerol—U. S. Testing Co. does synthesis of radioactive glycerol	May 3	30						
Glycol:								
Dow Chemical Co. expands production of liquid glycols	Mar. 15	46						
Mathieson's Doe Run, Ky. plant	Mar. 15	17						
reaches capacity								
N. Y. State Natural Gas Co.'s dehydrating plant to remove water vapor from natural gas by employing diethylene glycol	Feb. 2	19						
Goodrich, B. F. Chemical Co. expanding business	Mar. 1	26						
To convert Port Neches plant to cold running	Mar. 22	15						
Grace, W. R. & Co. to enter the chemical market	Mar. 3	10						
Graphite—International Graphite and Electrode Corp. plant to increase production	Feb. 16	18						
Great Lakes Carbon plant at Port Arthur	Mar. 22	15						
Great Southern Chemical at Corpus Christi	Mar. 22	15						
Gulf Oil plant at Port Arthur	Mar. 22	15						
H								
Hail control in South Africa	Jan. 26	15						
Hanoxta Chemical & Mfg. planning a plant at Springfield, N. J.	Feb. 2	19						
Hawaii is gaining stature in the chemical industry	May 31	17						
Herbicides:								
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G								
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Gasoline:								
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Production in recent years	Jan. 12	41						
Shell Chemical increases glycerine output	Feb. 9	24						
Glycerol—U. S. Testing Co. does synthesis of radioactive glycerol	May 3	30						
Glycol:								

Insulin subject to tax in Syracuse, N. Y. Apr. 26 42

Instruments:

Beckman Instruments to expand Mar. 8 26
The threat of foreign competition Jan. 26 32
Insulation of hydroxyl calcium silicate put out by Kaylo June 21 63

International Management Productivity Mission "Operation Impact" discloses in Europe Mar. 1 14

International Management Conference— sovereignty of Congress challenged Mar. 22 16

International Paper supplies itself with chlorine stock from Mathieson Apr. 5 24

Inter-plant communications by pneumatic tube conveyor May 31 42

Ion exchanger for boiler plants Mar. 15 61

Iowa State College receives grants for agricultural research Feb. 16 34

Iraq—Four-year development plan started Mar. 1 22

Iron oxide—Stabilized Pigments upped production Feb. 9 24

Irradiation harmful to food June 21 15

Isonicotinic acid hydrazide picture shows new manufacturers, new process Apr. 19 27

Isonicotinic acid hydrazide drug made by U. S. Vitamin Corp. also May 31 30

Israel—Chemical pilot plant for research... Jan. 19 26

Italy—National Aluminate's new Italian plant goes on stream May 17 15

J

Japan—R. S. Aries & Associates establishes branch in Tokyo. Chemical needs. Jet cleaner... Jan. 12 22

June 14 44

Apr. 26 36

K

Kettle, synthetic resin. Kingsford Chemical Co. incorporated. Koppers Corp. at Port Arthur. Koroseal uses... Jan. 12 26

Jan. 12 20

Mar. 22 14

June 7 46

L**Labor:**

Anticipating unions. Anticommunist defers... Mar. 15 24

Atlantic Refining Co., Philadelphia plant picketing a mistake Feb. 23 18

Atlas Powder Co. signs new contract Feb. 2 18

Atomic Labor Relations Panel... Feb. 15 18

Berea Rubber Co.—union charged with historical wrongs. Calcium Chemical & Plastics Div. workers sign contract... Feb. 16 16

Canadian Synthetic Rubber Co. signs with union... Feb. 16 16

Carbide & Carbon Chemical's Whiting, Ind. out on strike... May 10 18

Carbide & Carbon Council move toward a master UCC contract... Jan. 12 14

Carborundum's Niagara Falls plant holds deadcat strike... Apr. 12 13

Celanese Corp. workers decide on union... Apr. 19 19

Chemical industry enjoys peaceful labor year... June 21 15

Chemical industry shows little manpower turnover... Mar. 1 11

Chemical laboratory workers at Texas Chemical Co. strike... Mar. 8 11

Chisholm-Ryder Co. strike decided in favor of the company... Apr. 26 12

Connecticut Chemical Research Corp. ordered to reinstate 23 employees... Mar. 29 18

Consolidated Chemical Co. signs labor contract... Feb. 16 18

Construction of nine chemical plants in Texas resumed when strike ends... June 7 26

Continental Rubber Co. walkout over May 17 18

Continental Rubber Works accepts wage increases... Jan. 12 17

Delta Chemical Mfg. Co. charged by the Government with violating labor laws... Apr. 26 13

Dominion Tar & Chemical Co. labor agreement... Feb. 2 18

Dow Chemical holds quiz program at Freeport, Tex. for employees... June 21 15

Ethyl Corp., Baton Rouge, La. employees suit against company lost... June 28 16

Ethyl Corp. employees at Baton Rouge seek portal-to-portal pay... Apr. 19 19

Firestone Tire & Rubber settles dispute with wage increase... May 31 22

Gas, Coke & Chemical Workers Union organizing jurisdictional drive... Feb. 9 14

Gas conversion men voting to change union... Mar. 29 18

Geigy Chemical has labor trouble. General Aniline & Film, Anson Div. charged with unfair practices... June 7 16

General Dyestuffs Corp. workers organizing drive... Mar. 29 18

Goodrich, B. F. rubber workers lose Government action to impose the union shop upon all workers W. A. Jordan... Mar. 29 2

Gulf Oil's ethylene plant at Port Arthur halted by dispute... Mar. 29 18

Hammill signs agreement with workers... June 28 19

Harshaw Chemical Co. amends employee retirement plan... Feb. 16 16

Hercules Powder Co. employees elect bargaining agent... Apr. 19 19

Hoosier Ordnance to vote on union... Apr. 12 13

Hoosier Ordnance Works men organizing... Mar. 29 18

Indiana Ordnance Works, Louisville, Ky. has fourth walkout... June 12 15

June 28 19

International Chemical Workers Union loses fight with NLRB and U. S. Phosphoric Products Div. Jan. 26 11

International Nickel wage increases... Feb. 9 22

Johann & John's workers at New Brunswick plant strike... June 28 19

Kentucky Synthetic Rubber Corp. strike... Feb. 16 18

Koppers Co. grants wage increases... Feb. 9 22

Koppers Co. plant at Oil City, Pa. strike... Mar. 29 17

Lederle Laboratories Labor trouble... Apr. 5 17

Linde Air Products Co. strike averted. Linde Air, Inc. closes plant at Plymouth, Pa. Apr. 19 19

Magnolia Petroleum Co. forbidden to interfere with membership of workers in the unions... May 10 18

Mathieson Chemical Corp.'s Brandenburg, Ky. plant labor stoppage... Apr. 19 20

Minnesota Mining & Mfg. Co. elect Gas, Coke & Chemical... Jan. 12 14

National Carbon Co. election set aside... Mar. 15 28

National Carbon Co. wage war... May 17 21

NLRB rules that employees having access to secret formulas cannot be prevented from joining a union... May 31 22

New wage rates for the Walsh-Healey Act... Apr. 26 12

1951 best labor year since the war... Feb. 23 18

Nevco Industries wants to get back into the plant... Apr. 26 12

Oil strike in Texas broken... May 31 21

Oil Workers and Farmers Union Central Exchange agreement thrown out by WSB... May 24 11

Fermolite Co. workers given wage increase... Feb. 16 16

Rohesey Process Co. walkout ends... Apr. 26 12

Rubber workers out on higher wages, new contract trail... June 7 13

Schwartz Laboratories workers sign contract with CIO local... Feb. 23 18

Socioni-Vacuum Oil Co., Buffalo, settles with union... May 31 22

Solvay Div. guilty of unfair labor practices... June 7 16

Standard Oil Co. of Indiana wage mixup... May 17 21

Steel-oil hookup... June 7 16

Steel union waiting for Truman's decision... May 10 17

Strikes—effect of steel and oil strikes in the chemical industry... May 10 19

Synthetic strike of United Rubber Workers local at Goodrich Co. Textile fracas... Apr. 12 13

Textile Workers ask for 35-hour week with 40 hours' pay... May 10 18

Two Denver oil well drilling companies penalized for paying wages above regulations... May 17 18

The union shop issue A. S. Haywood, United Mine Workers District 50 ruled as committing an unfair labor practice... May 3 2

United Mine Workers win at Wyanotte Chemical... June 28 16

Virginia-Carolina Chemical Corp. wage increases... Feb. 9 17

WSB shifts in chemical clauses... Apr. 12 13

Warren-Hudson organized... Jan. 12 17

Westinghouse Bowditch Co., Ky. files counter suit against employees... June 28 16

Westinghouse gives cost of living raise Whitehall Pharmacal Co. AFL teamsters loss in election... May 17 21

Whitehall Pharmacal Co. AFL teamsters loss in election... Feb. 9 22

Laquer—United Lacquer Mfg. Corp. sells new low-bake synthetic finish... Apr. 26 50

Lake Chemical Corp. bought by Dexter Chemical Corp. Mar. 15 44

Lambert Plastic consolidation... Jan. 26 59

Laminated sheet vinyl polyester... Apr. 19 40

Layout Elastic Glue Co. purchased by Paisley Products, Inc. Feb. 9 47

Leather tanners fighting artificial leather manufacturers... May 31 34

Lignin—Vanillin from lignin to be produced by Monsanto and Ontario Paper, Inc. Feb. 2 33

Vanillin to be produced by Givaudan-Delavaline... May 31 37

Lindane—American Avrocap, Inc. holding patent in lindane vaporizing devices wins infringement suit... Apr. 19 53

Treats corn reefs trapping pheasants... Feb. 9 47

Lindane vaporizer... Apr. 5 66

Lindsay Light & Chemical changes name... June 28 14

Liner purifier... Mar. 8 38

Liquid feeding unit... June 22 62

Liquid level device... June 21 63

Lithium—Foote Mineral to expand production... June 7 16

Lithium aluminum hydride—French report new quantitative determination... Mar. 1 34

Now free of royalties at Metal Hydride... Apr. 5 62

Lithium hydroxystearate... Apr. 12 28

Lubricants: Additive for motor oil... June 28 51

Lead-Lube... Apr. 12 42

Lubricants for motors to be improved by chemical additives... June 7 39

Lubricants from turpentine... May 3 27

M

Magnesia—Pure magnesia reported at Urepel in the French Pyrenees... Apr. 19 23

Magnex Corp. a new instrument firm... Mar. 15 61

Magnolia Petroleum—thermofor catalytic reforming unit to go in at Beaumont... Mar. 22 15

Management American Institute of Management names Procter & Gamble as best managed company in the country... Feb. 23 13

"Human engineering" course given to personnel at Emery Industries... June 14 11

Manganese—Senior Juengling & Knall to mine manganese... May 3 12

Manpower, Technical:

British Columbia engineers adopts schedule of salaries... Jan. 12 14

Careers in chemistry... June 21 13

Clinical chemists certified... Feb. 16 16

Civilian control over recall of reservists is urged by industry leaders, professional groups... Jun. 7 13

Lab-coat, slide-rule "unions" Apr. 19 14

McGraw Act condemned by director of National Bureau of Standards... Apr. 12 28

National Society of Professional Engineers' survey shows poor engineering-management communications... Mar. 15 16

Organized, not "unionized" V. H. Kane... Apr. 5 6

Planned technical personnel at Monsanto Chemical Co. May 10 18

"Recruiting" engineers in high schools... Apr. 26 12

Manufacturing Chemists Assn. gives summary of public relations program... June 28 11

Has four-point industry-wide public relations program... Feb. 9 11

Materials Policy Commission—Report on what's ahead for supplies of basic raw materials... June 28 12

Materials saved at Westinghouse Lamp Div. by offering premiums for thrift... Mar. 22 25

Materials handling—American Cyanamid's methods for storing and blending wet rock phosphate... Jan. 26 40

Mathison Chemical Co., at Lake Charles, Tex. Mar. 22 14

Stockholders to vote on setting up stock plan for employees... Mar. 22 20

Melamine:

Melamine salts proposed for use in animal feed supplements... May 24 30

Melmac Div. of Monsanto Chemical to produce more... Mar. 1 42

Triethylene melamine reduced white blood counts in clinical tests... Mar. 15 66

Warwick Chemical Co. offers resin method for lending textiles "a hand"... Mar. 15 37

Merck & Co. to construct plant near Albany, Ga. Feb. 23 17

Mercury compounds for fungus control S. S. Block... Jan. 26 22

Mercury vapor detectors... Apr. 12 34

Meters:

Chemical Construction Corp. uses chemical process for making metals... May 17 43

Test for detecting oils, greases and fats on metal surfaces... Jan. 19 32

Vacuum deposition for producing metal-to-metal bonds... Apr. 5 36

Magnetic flowmeter:... June 7 46

Alphacell produced by Beckman Instruments... Mar. 15 61

Mar. 24 36

Rotary positive-displacement meter... Jan. 19 20

2-methylcarboxymercaptobenzothiazole to combat Dutch elm disease... Feb. 2 38

Methyl-cellulose—Dow Chemical signs new distributors... Mar. 22 58

N,N-dimethyl-N-tertiarybutylamine available at American Cyanamid... Mar. 1 37

Methylene chloride—Controls still needed... Feb. 9 52

5-methyl-1-hexene standard at American Petroleum Institute... Feb. 16 34

Mica:

Found in North Carolina and in South Dakota.....	June 7	15
Mica, domestic, for electric insulators. Feb. 9	40	
Three companies ready to crash market for mica based on domestic mica.....	June 21	59
Michigan Pipe Co. increases sales after Technical Audit is made.....	Mar. 29	13
Micro-Micrometer.....	Apr. 19	38
Micro rotameters.....	Mar. 22	62
Microscope for crystallography, chemical microscopy and petroscopy.....	May 31	30
Millett, Fungus-proofing fibers S. S. Black.....	Jan. 26	30
Milium is ingredient of a new aerosol air deodorant.....	Apr. 19	50
Mill, Morehouse, has big capacities.....	Jan. 26	42
Minerals—Israel finds that the Negev Desert will yield supplies of different minerals for 1952 needs.....	Feb. 16	25
Minneapolis-Honeywell Regulator Co., grows.....	May 3	40
Minnestoa Mining & Mfg. opens sales office in Atlanta, Ga. Promotes automobile repairs.....	Feb. 23	48
To sell stock.....	June 28	42
Miticides produced by Kolkher Chemical at Newark.....	Apr. 5	29
Mixed—Shurri mixer.....	May 31	63
Models—Canadian Industries builds scale model of projected nylon plant.....	Apr. 26	34
Moisture detector.....	Jan. 19	52
Molydenum disulfide powder for lubrication.....	June 7	52
Monazite deposit found in Idaho.....	June 7	15
Monosodium glutamate—International Minerals & Chemical adding to Super salt plant.....	Apr. 12	14
Market is tight.....	Jan. 12	41
Monsanto at Texas City.....	Mar. 22	14
Monsanto Chemical establishes new section to deal with industrial preservatives.....	June 14	52
Monsanto Chemical Co.'s Organic Chemicals Div. reorganization.....	Mar. 15	33
Morphine antidote put out by Merck.....	Apr. 12	26
Mothproofing is on the upswing.....	Mar. 1	39

Motors:

Explosion-proof variable speed motor as a self-contained unit.....	Feb. 23	44
Fractional horsepower motors of new design.....	Mar. 29	41
Moving pictures as sales tools for chemical companies.....	Feb. 9	16
Muddrill with sodium carboxymethyl cellulose J. L. Craig.....	Feb. 9	3
Muticatic acid—Market has returned to normal.....	Feb. 16	65
Muscle relaxer.....	Feb. 2	40
Mylar polyester film is newest product of Du Pont research.....	Feb. 16	31

N

Naphthalene—Import prices drop.....	Mar. 8	54
National Aluminate's new Italian plant goes on stream.....	May 17	15
National Council of Purchasing Agents meeting.....	June 7	40
National Cylinder Gas acquires Procter & Gamble's subsidiary Portsmouth Oxygen Corp.....	Apr. 12	16
National Gypsum purchases Wesco Waterpaints.....	June 14	54
National Lead Co. sued by OPS for over-ceiling prices.....	Mar. 1	20

National Production Authority:

Administration for each order (table) Chemical, Rubber & Forest Product Bureau's new chief.....	Jan. 19	15
N. G. Slater Corp. charged with black market operations.....	May 3	9
Sulfur and sulfuric acid restricted.....	May 17	22
Tracy exits—talking.....	Jan. 12	13
National Research Council expands.....	June	14
National Science Board—C. I. Bernard becomes chairman.....	Mar. 8	24
National Science Foundation awards fellowship.....	May 3	30
Report on first year of existence.....	Feb. 2	27

Natural Gas:

Alberta oil and gas will go to Vancouver, B.C.	May 10	19
Gas chemicals—decline and fall? report.....	Jan. 19	20
Gas chemicals Parker Frieselle, E. H. Reichl.....	May 10	25
N. Y. State Natural Gas Co. dehydration plant to remove water vapor from natural gas by employing dry ice glycol.....	May 31	2
Olefins for gas.....	Feb. 2	19
Texas' companies file suit against the state for its natural gas pipeline test.....	Mar. 29	18
Texas' natural gas "gathering" tax dispute.....	Apr. 5	18
	May 31	18

Trans Northwest Gas, Inc. ruled out of Alberta's natural gas tussle.....	Apr. 26	14
Natural Gas Ozonizing Co. stock purchased by American Research & Development Corp.....	Apr. 5	24

Naval Stores:

Andalusia, Ala. plant to be constructed.....	Apr. 12	14
Naval stores situation.....	May 31	53
U. S. Dept. of Agriculture reports on tree hydrocarbon research.....	Feb. 23	31
Neomycin goes commercial.....	Feb. 24	32
Neoprene lining for the outside of tanks.....	Feb. 9	38
Neotropine hydrochloride research.....	Jan. 12	36
New Wrinkle files suit against International Chemical Corp.....	May 17	22
New York Quinine moves to Newark.....	Feb. 2	19

Nickel:

Nickel accelerators in phosphatizing treatments on zinc surfaces—patent suit.....	June 21	16
Nickel Processing Co. to build nickel-cobalt at Nicaro, Cuba.....	May 3	12
Sherritt Gordon to construct refinery at Fort Saskatchewan.....	Feb. 2	18
Smelting by-passed in metals revolution.....	May 17	43
Nicotinic acid from Argentina.....	May 3	20
Nitrate reagent.....	Apr. 5	36
Nitrates—Stable nitrates J. F. Doetsch, M. Tegtmeyer.....	Apr. 26	2
Unloading forbidden at North Carolina ports.....	Apr. 5	61
Nitric acid—South African Explosives & Chemical Factories to build plant.....	May 31	22
Nitrofurazone a furfural-derived pharmaceuticals.....	Jan. 26	49

Nitrogen:

African Explosives and Chemical Industries increasing nitrogen production.....	Mar. 29	20
Fine Organics wins Navy award for research on biosynthesis of organic nitrogen compounds.....	Apr. 26	28
Houston Oxygen puts new plant in operation.....	May 3	12
Micro nitrogen developed by the British.....	Apr. 12	28
Shortage in nitrogen-containing compounds.....	Feb. 9	51
Nitroglycerine—Canadian Industries Ltd. and Du Pont putting in continuous flow nitration process.....	Jan. 19	45
Non-ferrous metals pinch.....	Feb. 9	22
Nordihydroguaretic acid is a stabilizer for carotene.....	Feb. 2	30
NV Chemisch Fabriek Naarden to establish branches in France and Japan.....	June 28	16

Nylon:

Brazilian company to manufacture.....	June 14	24
Du Pont grants licenses to seven German concerns.....	Apr. 5	29
Italian firm serves notice that firms who import nylon to Italy are subject to seizure.....	Mar. 22	58
Scouring cloth of nylon.....	May 31	48
Spanish Fefasa Co. to set up a "Pirilon" plant.....	Apr. 26	20

O**Odors:**

Library of odors kept by Boake, Roberts & Co.	Apr. 19	30
Odor removal.....	Feb. 16	34
Odors atmospheric contaminants to be characterized by an apparatus Mar. 1	34	
Saginaw Institute for Olfactory Research.....	Mar. 15	63
Smoke odor remover.....	May 10	50
Odorants for gas.....	Apr. 26	57
Office of Alien Property—switch in administrators.....	June 28	20

Office of Price Stabilization:

Iritox Chemical Co. and Buffalo Pharmaceutical Co. sued for above-ceiling prices.....	May 17	22
Price adjustments of non-profit items and "suspension" of controls in soft markets.....	May 3	53
Thomas, M. C. Co. charged with overcharging.....	Apr. 26	13
Who to see on price controls.....	Mar. 22	18
Oil burner control.....	June 21	63
Oil well-drilling corrosion control.....	May 24	44
Olefins—Hercules Powder Co. to build plant for making phenol, acetone and para cresol.....	Jan. 26	42
Para xylene—Humble Oil putting up a new plant.....	Apr. 19	35
Parathionphenol for fungus control S. S. Block.....	Jan. 26	26
Parathion diluted with charcoal for young apple trees.....	June 21	54
Parathion handling shown on poster Park Davis delays start of Cowan, Tenn. facilities.....	Feb. 9	47
Planning expansion in Australia.....	June 14	17
To open branch in New York.....	Mar. 8	18
Paste to plug cracks.....	Feb. 2	40

Fatty acids manufacture by hydro-

genation in Canada.....	Jan. 12	20
Philippines coconut oil tax is "outdated".....	June 14	22
St. Joseph Lead may diversify into oil and natural gas production.....	May 31	12
Shell Petroleum Co. has new refinery in Venezuela.....	May 17	27
Synthetic palm oil.....	Feb. 2	40
Orlon for work clothes.....	Mar. 15	61
Orthodioxybenzene to control insects in timber.....	Feb. 16	52
Oxide—Amount of ethylene oxide and glycols needed.....	Mar. 29	49

Oxygen:

Houston Oxygen puts new plant in operation.....	May 3	12
Indra Air Products to manufacture oxygen.....	May 24	14
Joy Mfg. introduces machine for generating high-purity oxygen.....	Mar. 1	50
Transportable oxygen units in the field.....	June 28	34

P**Pacific Coast Chemicals to market new equipment.....**

Packaging:	Mar. 22	58
New coating compounded of starch, wax, pigments and resins for shipping cartons.....	Jan. 26	46
Olin Industries studying packaging film in below zero temperature.....	Mar. 8	22
Phenolic resin foam for packaging.....	May 3	40
Plioflamed smokes.....	Apr. 12	13
Sarat for foods T. G. Gibian.....	Apr. 26	2
Packing—How to Pack war materials booklet.....	Mar. 1	26

Paints:

Alkali resisting primer.....	Apr. 17	44
Construction of one-story paint plant.....	Apr. 5	41
Dewey & Almy Chemical Co. to produce a paint latex.....	May 3	48
D. L. Paint & Wallpaper Co. merges with Hanna Paint Co.	May 3	47
Finger paint paint.....	Mar. 29	26
General Paint develops a washable, flat finish.....	Mar. 22	32
Glass-headed "reflectorized" paints.....	May 3	45
Klimate-Pru Paint Co. to expand.....	May 3	48
Maintenance that resists soiling.....	May 31	46
New federal specifications.....	Apr. 5	66
Odorless paint produced.....	May 17	51
Paint and plaster and color in one operation.....	Mar. 24	43
Paint spray aid.....	Mar. 8	46

Penn Salt studies coatings that protect against corrosion.....	May 31	39
Polystyrene paint.....	May 24	44
Poster paint.....	Apr. 12	42
Poultry perch paint.....	June 28	48
Rothchild Chemicals introduces alkyl fire wall paint.....	Mar. 15	46
Rubber-base interior paints taking hold.....	Feb. 9	47
Rubber-base paint put out by National Gypsum Co.	Jau. 12	35
Scholle Chemical Co. to produce paints and varnishes.....	Feb. 16	56
Silvers Paint & Varnish Co. factory being expanded in single-story operation to change can pre-mixes.....	Feb. 16	51
United Wallpaper, Inc. makes colors for paper-coatings and rubberbase paints.....	Apr. 19	54
White synthetic primer.....	Feb. 2	38
Wood stain.....	Mar. 29	28
Paints see also Pigments.....	June 21	61
Pallets rotating.....	Apr. 26	50
Palmeter Chemical & Supply to sell, compound and distribute sanitary supplies.....	Mar. 22	15

Paper:

Forty foot miniature mill.....	June 7	44
Nylon felt used for paper run instead of wool at Crown Zellerbach Corp.	Mar. 29	40
West Germany refuses high-priced Canadian newspaper.....	June 28	42
Paper also Pulp.....	Jan. 26	42
Para cresol—Hercules Powder Co. to build plant for making phenol, acetone and para cresol.....	Jan. 26	42
Para xylene—Humble Oil putting up a new plant.....	Apr. 19	35
Parathionphenol for fungus control S. S. Block.....	Jan. 26	26
Parathion diluted with charcoal for young apple trees.....	June 21	54
Parathion handling shown on poster Park Davis delays start of Cowan, Tenn. facilities.....	Feb. 9	47

Patents:

Dow Chemical patent infringement suit ruling reversed.....	May 31	21
Government's anti-trust suit against New Wrinkle and Kay & Ess reinstated.....	Mar. 8	16

Arthur D. Little settles suit against government relating to vapor compression distillation patents.....	Feb. 23	17						
New patent abstract service.....	Feb. 16	34						
Patent Office will rearrange its gazette.....	Apr. 26	18						
Schering Corp. patents for sale to manufacturers.....	Feb. 16	16						
Penicillin:								
Merck & Co. marketing new penicillin combination.....	Mar. 15	41						
Merck & Co. marketing penicillin feed.....	Jan. 19	34						
Prices cut to move domestic surplus.....	Feb. 16	64						
Pennsylvania Salt Co. and Sharples Corp. to merge.....	June 21	38						
Pentachlorophenol:								
As base for wood preservative.....	Feb. 2	40						
New process developed for wood application.....	Mar. 22	32						
Used to impregnate lumber.....	Jan. 26	29						
Pentaerythritol tetratetrate now doing as a drug.....	Feb. 23	37						
Perfins Kaiser Gypsum buys Oregon mine.....	May 31	12						
Permanent waving—Sales Affiliates cold wave patents challenged by Toni and Helene Curtis.....	Mar. 1	41						
Thioglycolate based cold wave preparations scrambled for licenses.....	Jan. 26	45						
Peroxides organic.....	June 28	42						
Pesticides needed for the farms in 1952—U. S. distribution of major pesticides—crop years 1949-50, 1950-51.....	Apr. 26	50						
Petroleum:								
American Petrochemical to build plant near Lake Charles.....	Mar. 22	16						
Anglo-Iranian Oil Co. extending holdings in Australia and Germany.....	Feb. 2	24						
Anglo-Iranian Oil Co. planning Australian refinery.....	Apr. 19	23						
Catalytic cracker built by Canadian Oil on steel.....	May 31	12						
Distillation tower for aviation fuel.....	Mar. 29	40						
Eastern States Petroleum puts plating unit in operation at Houston.....	Mar. 15	17						
Esso Standard Oil may construct refinery near Norfolk, Va.....	June 21	19						
Esso Standard Oil to expand Baton Rouge refinery.....	Mar. 15	17						
Five petroleum companies enlarging facilities at Spartanburg, S. C.....	May 24	54						
Florida Petrochemicals to build plant to crack oil for gas.....	May 3	9						
General Petroleum builds tank and a dock at Linton, Ore.....	June 7	15						
Gyro Process Co. and Chemical Research Corp. suits against American Locomotive Co. involving process for cracking petroleum settled.....	Jan. 26	12						
Hercules Powder's petrochemical plant to be built near Gibbstown, N. J.....	May 24	14						
Humble Oil gusher.....	Feb. 16	18						
Imperial Oil to double capacity of its Ioco. Inc. refinery.....	Jan. 26	12						
Imperial Oil to modernize its Regina, Sask. refinery.....	Mar. 15	17						
Mexican government to add two new catalytic cracking units.....	Feb. 16	22						
Oil companies to battle to keep their tax depletion allowance.....	June 21	27						
Platformer-Udex combination to produce benzene and xylene.....	Apr. 26	30						
Robot brand cat can analyze trace samples of petroleum products.....	Mar. 22	45						
St. Joseph Lead changes charter to allow it to produce oil.....	June 28	16						
Sunray Oil constructing refinery near Corpus Christi, Tex.....	Apr. 19	23						
Weekly sales of petroleum chemicals due to oil strikes.....	May 10	60						
Pharmaceuticals:								
India as a market for U. S. pharmaceuticals.....	Mar. 8	41						
Israel making plans in the industry.....	Mar. 1	22						
McKay Davis Chemical Corp. of Cuba to manufacture pharmaceuticals for American firms entering Cuban market.....	May 10	50						
Parke Davis & Co. opens depot in Miami, Fla.....	May 3	48						
Phase equilibrium computer.....	June 28	38						
Phenol:								
Hercules Powder Co. to build plant for making phenol, acetone and para cresol.....	Jan. 26	42						
Manufacture of phenol via cumen hydroperoxide by Shawinigan-British American.....	Feb. 2	12						
Nonyl phenol added to Rohm & Haas Co.'s line of alkyl phenols.....	Apr. 19	30						
Phenolic foam for packaging.....	May 3	40						
Reichhold Chemicals to increase production.....	Feb. 16	18						
Strain of phenol destroying bacteria.....	Apr. 5	39						
Phenolics for fungus control S. S. Block, Jan. 26	25							
Phenylbutazone is a new anti-arthritic agent.....	June 14	30						
Philippine guide.....	June 7	40						
Philippine Republic—New industries.....	Jan. 12	26						
Phillips Co. plant on Houston Ship Channel.....	Mar. 22	16						
Phillips Petroleum plant at Goldsmith, Tex.....	Mar. 22	14						
66,000th stockholder.....	Feb. 2	13						
Phosphates:								
Amco Exploration wants to drill for rock phosphate.....	May 24	14						
American Cyanamid's methods for storing and blending the wet rock.....	Jan. 26	40						
American Dyewood Co. acquires rights to MacKenzie process for making glassy phosphates.....	Apr. 19	49						
Calcium and alumina phosphates mined in Thies, French West Africa.....	Apr. 26	18						
Dicalcium phosphate to be produced by Shea Chemical Corp.....	Jan. 19	20						
France plane modernization for her North African territories.....	May 3	20						
Jordan to transfer rights for working phosphate mines to Italian firms.....	Apr. 12	20						
Nitric acid substituted for sulfuric in the acidulation of rock phosphate.....	Apr. 5	42						
Tecum City constructing phosphate plant in the city.....	Apr. 19	20						
Phosphites—Four new phosphites.....	Mar. 1	34						
Phthalic anhydride—Three ways to phthalic.....	Feb. 23	40						
Pigments:								
Acheson Industries to expand pigment dispersions.....	Feb. 23	54						
General Electric's new resin is color booster in printing textiles.....	Feb. 9	32						
Hoyer, J. M., Hayre de Grace, Md., to produce.....	Feb. 2	18						
Ultramine blue pigment developed by Filo Color & Chemical Corp.....	Apr. 5	35						
Violine pigments to be sold by Filo Color & Chemical Corp.....	Mar. 1	26						
Pinane hydroperoxide developed by U. S. Dept. of Agriculture.....	Feb. 23	31						
Piping:								
Continental Oil and Sinclair Oil planning line from Sinclair, Wyo. to Salt Lake City.....	Apr. 19	16						
Edmonton, Alberta, to Vancouver pipeline.....	Apr. 12	16						
Nickel-lined steel pipe.....	May 31	40						
Photoelectric unit for detecting liquid in piping.....	June 28	38						
Pipe supporter.....	June 21	63						
Plastic couplings.....	June 28	38						
Plastic joint.....	Feb. 23	44						
Plastic Lake City to Boise, Idaho, pipeline.....	Apr. 12	16						
Stainless steel fitting.....	June 14	24						
Pipelines—International Nickel's wood en pipeline for carrying ore concentrate.....	Feb. 2	34						
Piperonyl butoxide and related compounds as a dog lifter.....	Jan. 26	49						
Plasticizers:								
Pittsburgh Coke & Chemical to expand production.....	Feb. 16	20						
Rohm & Haas introduces two new plasticizers.....	Mar. 22	32						
Vinyl-chloride resin plasticizer.....	June 7	40						
Vinyl plasticizer.....	Apr. 12	28						
Plastics:								
Antistatic and cleaning agents for acrylic plastics.....	May 3	47						
Barrington to manufacture vinyl chloride plastics.....	May 17	18						
Brace plane castor-oil-based plastics.....	May 31	25						
Canada's new regulations.....	May 17	70						
Chemikat, new resistant plastic.....	June 7	46						
Continental Can to discontinue plastic division.....	May 31	12						
DeBell & Richardson sets up company to make pvc manufacture of plastics.....	June 21	19						
Demand for polyvinyl plastic will climb in five years.....	Mar. 22	54						
Disraeli Co. exporter of plastics taken by Stans Kirkpatrick & Co.....	May 10	46						
Foam plastics used as insulation in refrigerated trailers.....	Jan. 19	52						
Foaming Vinylite plastisol.....	May 31	34						
Gaffie a thermoplastic of methyl a-chloroacrylate.....	Apr. 5	35						
Japon to produce vinyl plastic.....	May 24	20						
Kellogg, M. W. building plant at Jersey City.....	June 28	14						
Mold release product.....	May 31	47						
Monsanto Chemical Co. Plastics Div. to do color research.....	Mar. 22	45						
Naugatuck Chemical Div. opens sales office for rubber and plastic latices.....	Feb. 23	48						
Packaging food with a Saran polymer.....	June 28	42						
Plastic strip finish for mask painting.....	Mar. 8	48						
Plastic upholstery features in International Home Furnishings Market.....	June 28	59						
Polyform prevents shrinkage of molding compounds for electrical units.....	Mar. 22	32						
Polystyrene marketed by Koppers Co.	May 24	44						
Reinforced plastics loom as competitors to other structural materials.....	May 24	61						
'Self-extinguishing' plastic.....	June 28	49						
Skin for metals.....	May 31	47						
Synthane:								
Synthane Corp. develops new thermosetting laminate.....	June 28	33						
Three new rubber-modified styrene formulations now available.....	Mar. 29	38						
Trade practice rules prepared by the Society of the Plastic Industry.....	May 17	21						
Tupper Corp. to build plant near Orlando, Fla.....	June 21	54						
Urea advertising campaign.....	Apr. 5	61						
Plasticized smokes.....	Apr. 12	13						
Plywood Used freight cars.....	Jan. 12	14						
Poison Ivy extract called Aquile Ivy to treat the poison.....	June 14	51						
Poison ivy ointment.....	June 28	50						
Poison law in Mississippi.....	May 10	50						
Poland:								
Reports that its chemical industry fills its quota.....	Feb. 16	25						
Six Year Plan calls for big development in chemical industry.....	June 14	22						
Speed-up in Utopia.....	June 21	14						
Polishes:								
Canadian floor polish.....	Mar. 22	34						
Polystryene polish for autos.....	May 3	47						
Simoniz silicone based polish to be sold nationally.....	May 3	47						
Suds and wax car cleaner.....	Apr. 5	65						
Polyvinyl chloride fiber to be produced in Germany.....	Mar. 29	37						
Polybutene potential.....	May 17	26						
Polyvinyl chloride—Dow Chemical to produce polymerization of polyvinyl chloride.....	May 24	14						
Polyethylene:								
Bottle barrage to Communist China.....	Feb. 16	20						
Bottle for scalp remedies of polyethylene cut postage.....	Mar. 8	48						
Coloration of polyethylene.....	Apr. 12	57						
Chlorosulfated polyethylene made by Du Pont.....	Apr. 12	28						
June oblong containers in color.....	May 31	30						
Rope of polyethylene.....	May 31	41						
Tomato catsup dispensers sell well.....	Apr. 19	16						
Windshield spray.....	Mar. 8	48						
Synthetic American Viscose has patent for treating copolymers of trifluoro-chloroethylene and styrene.....	Mar. 8	26						
Polyols trends.....	Jan. 12	41						
Polytene:								
Catalin Corp. to have Calumet City, Ill. plant.....	May 3	12						
Coatlon to bonding polystyrene.....	June 28	50						
Malekson's off the press.....	Mar. 20	17						
Polish for auto.....	May 3	47						
Polyvinyl chloride resin stabilizer.....	Mar. 24	37						
Popcorn for packaging is back again.....	May 29	31						
Potash—Duval Sulfur and Potash Co.'s New Mexico potash plant tried out.....	Jan. 26	15						
West German reports on potash.....	May 17	27						
Potassium sulfate—International Mineralogical Co. to produce hydrochloric acid, magnesium oxide from byproducts.....	May 24	14						
Potassium tantalum fluoride to be made by Faunsteel Metallurgical.....	May 24	14						
Poultry nutrition to be studied by U. S. Dept. of Agriculture.....	Apr. 19	32						
Power from Bonneville Power Administration for thirteen electroprocess plants.....	Apr. 5	21						
Precipitated chalk manufacture discontinued by West Virginia Pulp & Paper.....	June 21	16						
Prices—Forecast should be based only on current economic conditions.....	June 21	47						
Printing problems studied by the National Printing Ink Research Institute.....	June 14	35						
Process timer.....	Mar. 15	61						
Productivity increase in the chemical industry—tour of British in U. S.	Apr. 5	21						
Propylene—Gulf Oil's propylene trimers may go into other than high-octane gasoline.....	Feb. 9	24						
Public Relations:								
Ciba States, Ltd., sells the residents on a chemical plant.....	June 14	20						
Kay-Fries Chemicals, Inc. runs ads to inform the community about the company.....	Mar. 22	20						
Manufacturing Chemists' Assn. gives summary of public relations program.....	June 28	11						
Manufacturing Chemists' Assn. has four-point industry-wide program.....	Feb. 9	11						
Moving pictures as sales tools for chemical companies.....	Feb. 9	16						
Pulp:								
American Viscose and Puget Sound Paper Timber to produce wood pulp in Alaska.....	May 10	20						
Buckeye Cellulose constructing plant for wood pulp manufacturing.....	Mar. 15	18						
Canadian pulp mills to be built and Columbia Cellulose to increase production.....	Feb. 23	17						
Celgar Development to build pulp mills in British Columbia.....	Jan. 26	12						
International Resources to build wood pulp plant.....	Apr. 19	16						
New Zealand to have pulp mill.....	Jan. 19	26						

Pulpers trying to expand outlets for dissolving pulp and pulping liquor by products.....	Apr. 12	51	Rectifiers—mechanical rectifiers offer savings on power and unit housing.....	Feb. 16	37	Cation exchange resin put out by Rohm & Haas.....	June 28	29
Rayonier, Inc., to produce chemical wood pulp.....	June 21	14	Selenium rectifier with Thermoswitch unit.....	Feb. 9	38	Complete plant to produce synthetic resin.....	June 28	34
St. Lawrence Corp. to absorb assets of three Canadian pulp producers.....	Mar. 29	14	Refrigerating system, portable.....	Apr. 19	38	Formaldehyde urea resin.....	Mar. 19	16
Western Plywood, to construct mill at Quesnel, B. C.	Feb. 2	18	Reichhold Chemicals distributes from short distances, from many plants.....	May 17	67	General Electric's new resin is color booster in printing textiles.....	Feb. 9	32
Pulp see also Paper			To have Jacksonville, Fla., plant.....	June 14	46	Goodrich, B. F. Chemical introduces new resin.....	Mar. 22	45
Pulverizing mill.....	Mar. 22	62	To have phenol unit on Houston Ship Channel.....	Mar. 22	16	Insulating varnish.....	Mar. 15	44
Pumps:			Relay, hermetically sealed.....	Apr. 5	47	Ion-exchange resins developed by Permatite.....	June 28	33
Byron-Jackson Co. to produce pumps at Lawrenceburg, Ind.	Jan. 12	20	Republic Oil Refining.....	Mar. 22	15	National Starch Products to increase production of vinyl acetate polymers and copolymers.....	Jan. 12	32
Centrifugal pumps.....	June 7	46					Jan. 19	25
Corrosive liquids pump.....	Mar. 15	61					May 31	12
Hard rubber pump.....	June 28	38					Mar. 8	18
High pressure injector pump.....	May 3	37					Feb. 23	37
Industrial hand pump.....	June 21	63					Mar. 8	53
Peerless Pump to produce magnetic pump.....	May 24	36					June 7	59
Pulp and paper pump developed by Allis-Chalmers.....	Jan. 22	34					Jan. 26	50
Slurry pump.....	Jan. 26	42					Mar. 15	61
Split-case horizontal pumps.....	Apr. 19	40					May 24	54
Stoneware pump.....	May 17	48					Mar. 22	14
Vibro pump operates on vibratory principle and needs no packing.....	Mar. 8	32					Mar. 10	49
Purchasing agents utter some epigrams. Pure Oil enlarging Smith Bluff refinery. Pyrethrum not released from stockpile.....	Mar. 1	12					Mar. 8	46
Rio Tinto pyrite mines may be seized by Spain.....	May 3	15					Mar. 22	20
Pyrometer, band.....	Mar. 8	38					Mar. 8	46
Pyrometer controller.....	Mar. 29	41						
Pyrometer converter.....	Apr. 12	36						
Pyridine:								
Carbide & Carbon Chemical Co. to substitute methylpyridine from Institute, W. Va.	Jan. 19	31						
India yields synthetic pyridines.....	Feb. 9	32						
Pyridine and isonicotinic acid hydrazine for rat poison.....	May 31	47						
Pyridine patent.....	Mar. 29	38						
Pyrite burner to be erected in Manila. Pyrite—India discovers sulfur-bearing pyrites.....	Apr. 12	22						
Rio Tinto pyrite mines may be seized by Spain.....	May 3	15						
Pyrometer, band.....	Mar. 8	38						
Pyrometer controller.....	Mar. 29	41						
Pyrometer converter.....	Apr. 12	36						
Q								
Quaternary pyrimidine salts patents.....	Apr. 5	39						
Quicksilver—Developments in mercurial business.....	Jan. 26	58						
Quinones for fungus control S. S. Block	Jan. 26	29						
R								
Radiation counter.....	June 21	63						
Radiation sensitive silver-seeded phosphate glass.....	Feb. 16	32						
Radioactive biochemicals to be produced by Schwarz Laboratories.....	Feb. 16	32						
Radioactive carbon-14.....	June 28	33						
Radioactive cobalt used to tag capsules vitamin prior to storage and on the shelf.....	Feb. 16	32						
Radioactive cortisone.....	Feb. 23	37						
Radioactive Products reports five trace compounds.....	May 17	38						
Radioactive pyrethrins produced by Gulf Oil Corp.	June 28	31						
Radioactivity—Bjorksten Research Lab. to divide work deal with industrial radioactive-tracer project.....	Apr. 26	28						
Detection apparatus to test ages of archeological specimens.....	Mar. 15	63						
Radiotopos:								
AEC reports that growth of isotopes in five years keynotes industrial Canada's atomic energy project. Chalk River, Ont., produces two new isotopes.....	May 17	31						
Oak Ridge studies isotopes on the farm.....	Mar. 8	26						
Omnimeter for measurement of radiation.....	June 14	35						
Only seven persons injured in the explosion of ammonia-and-air cylinder. Rare earths—Big strides in rare earths. Rats, white, raised for laboratories.....	June 7	36						
Rayonier, Inc. financed to expand six new reagents.....	Mar. 29	39						
Rats, white, raised for laboratories.....	June 21	32						
Rayon:								
American Chemical Society discusses synthetic fibers.....	Apr. 5	16						
American Viscose planning investments in Colombia factory.....	Feb. 23	18						
Avlon process for shrink-controlling rayon.....	May 3	48						
Industrial Rayon to increase production of rayon tire cord.....	Mar. 1	12						
Rayonier, Inc., to produce purified cellulose pulp.....	Feb. 9	24						
Sweaters subject to torch burning. Warwick Chemical Co. offers resin method to impregnate water repellent, crease resistance.....	Feb. 2	37						
Rayonier, Inc. to expand Jan. 12	22							
Reagents—Fisher Scientific adds six new reagents.....	June 7	35						
2,4,7-trinitrofluorenone is product of Dajac Laboratories.....	Mar. 8	26						
R								
Radiation counter.....	June 21	63						
Radiation sensitive silver-seeded phosphate glass.....	Feb. 16	32						
Radioactive biochemicals to be produced by Schwarz Laboratories.....	Feb. 16	32						
Radioactive carbon-14.....	June 28	33						
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Radiation counter.....	June 21	63						
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St. Lawrence Seaways approaching reality (map)	Feb. 16	47	Sodium sulfide developed by J. T. Baker Chemical Co. for laboratory use	Apr. 19	32	Texas Gulf Sulphur begins production at Spindletop Dome, Tex.	May 31	12
St. Maurice Chemicals, Ltd. is the latest joint venture of Shawinigan Chemicals, Ltd., and Heyden Chemical Co.	Feb. 2	12	Soil Conditioners:			Wyoming Gulf Sulphur stockpiling share of its Cody, Wyo. facilities	May 3	12
Salaries of between \$25,000 and \$100,000	June 21	45	Battle looms among the soil conditioners	May 24	39	Sulfur dichloride vapor to quick dry ink, paints	May 3	48
Salesmen's booklet distributed by Pure Oil Co.	June 14	46	Canada selling conditioners	June 28	49	Sulfur dioxide detector	Apr. 12	36
Salesmen for Emery Industries display their sales technique	May 24	53	Gardening—fertilizer, conditioner and fertilizer by Compost Corp.	June 28	49	Sulfuric Acid:		
Salt:			Overselling is dangerous	June 7	2	Bunker Hill & Sullivan may erect sulfuric acid plant at Kellogg, Idaho	Feb. 23	17
Canadian Salt exploring a deposit near Windsor, Ont.	Apr. 19	20	Soil stabilization by chemical methods	May 10	2	East German plant produces sulfuric acid from magnesium sulfate	Jan. 26	15
Dominion Tar & Chemical Co. files suit against International Salt Co. for breaking mining agreement	Apr. 26	14	Oil science neglected H. F. Winterkorn, Tex.	May 24	2	England forms new company to produce the acid	May 3	22
New Zealand's Lake Grassmere will soon have a solar salt industry	Feb. 2	22	Solvay Process Div. plant at Orange, Tex.	Mar. 22	16	Injunction asked against Mathieson Chemical in dispute with Activated Alum Corp.	Feb. 3	17
Non-clay	Jan. 26	50	Solvay Sales Div. becomes a division of the Allied Chemical & Dyke Corp.	June 14	43	Marchon Products, England to erect plant	June 14	22
Salt Lake Glass & Paint Co. sold to Pratt & Lambert, Inc.	Feb. 23	54	Solvents:			Monsanto joining Tide Water Associated Oil in sulfuric acid plant at Avon, Calif.	Feb. 16	18
Sampler, automatic	Mar. 29	41	Dimethyl acetamide comes from Dajac Laboratories	Mar. 8	26	NPA restricts sulfur and sulfuric acid, Stauffer Chemical to build plant near Toledo, Ill.	Jan. 12	13
Saponify with ease	June 14	33	Industry and Armed Forces demand low-hazard, low-flammability solvents	June 28	47	Superphosphates—Moroccan producers increase superphosphate production	Mar. 29	20
Savagran Pacific Corp. moves into its new Los Angeles factory	June 28	49	National Adhesives Div. offers vinyl acetate copolymers in water emulsions	Feb. 2	30	Virginia-Carolina Chemical to produce superphosphate fertilizers	Jan. 26	12
Scale, automatic	Feb. 2	36	Sonic control with the Ultra-Viscoson	Apr. 19	32	Switches, mercury	June 7	46
Schwarz Laboratories add eight new chemicals	Apr. 26	28	Sorbitol production in 1951	Jan. 12	41			
Screened liquid	Mat. 15	61	Southwestern Drug Corp. opens warehouse	Mar. 15	33			
Selling chemicals by markets, not products	Mat. 15	61	Soya Products Div. offers steroids and steroid-like research products	May 24	28			
Shampoo—Color shampoos	Apr. 26	42	Soybeans—cutbacks in meat production unless price ceiling changes	June 14	21			
Shamrock Gas plant at Pampa, Tex.	Mar. 15	38	Spain releases production figures on its enterprises	Apr. 5	29			
Sharpe & Dohme completes new Denver branch	Mar. 22	14	Special Libraries Assn. to discuss handling of technical research reports	Apr. 19	32			
Shell dryers, vacuum, changed	Mar. 22	14	Spectrometer, infrared	Feb. 2	36			
Shell Chemical at Houston	Mar. 22	15	Spex Metals Research acquires processes owned by Diamond Alkali	May 3	33			
Shell Oil plant near Deer Park, La.	Mar. 22	15	Synthetic, synthetic	June 21	19			
Shell Oil sulfur recovery plant at Houston	Mar. 22	15	Sponges, synthetic, made by Du Pont	May 31	46			
Shipping by U. S. merchant fleet is decreasing	June 21	43	Starch, liquid, made by Hood Chemical	Apr. 12	39			
Silica gel—Culligan Zeolite to expand plant	Mat. 1	12	Structural steel is on the tight list	Apr. 12	44			
Eagle Chemical to reactivate silica gel through drying process	Mat. 8	34	Stearic acid—Emery Industries to put out 12-hydroxy stearic acid	May 24	30			
Silica gel desiccants developed by Davison Chemical Corp.	May 10	50	Stimulant, ganglionic	May 10	59			
Silicones:				Jan. 12	38			
Dow Corning Corp. sends silicone exhibition to potential customers	Jan. 26	10	Sugar:					
General Electric to expand Waterford, N. Y. plant	Jan. 12	18	National Bureau of Standards work out methods for synthesis of sugars bearing radioactive atoms	Mar. 15	64			
Lamination of silicone-glass	Apr. 26	36	New uses for sugar cane is project planned by Hawaiian Sugar Planters Assn.	Feb. 16	34			
Long term markets now exist for silicone-treated glass	Feb. 16	11	Sulfa drugs—New sulfonyamide	Jan. 19	36			
Moisture cutting	June 20	50	Trends are up	Jan. 12	11			
Non-foaming silicone resin for waterproofing	Apr. 19	54						
Silicone rubber impregnated Fiberglas	May 17	48						
Sodium methyl silicate is water-soluble, water repellent	June 28	24						
Silicosis treated by spray of mineral water	Mar. 22	15						
Silica brand to expand at Houston Ship Channel	Mar. 22	15						
Size for synthetic fabrics	Mar. 26	50						
Smoke Pollution bill to solve Louisville, Ky. problem	Feb. 23	17						
Soap:								
Acme Soap & Chemical Co. building a plant	Jan. 12	35						
Chlorophyll in Palmolive soap launches campaign	May 3	48						
Disinfectant soaps	May 3	48						
Federal government to cut procedure for procuring soap products	Feb. 2	37						
Germicidal soap additives	Jan. 26	38						
Lever House	Apr. 26	48						
New York Quartermaster Procurement Agency is market for soaps and detergents	Apr. 5	66						
Nielsen Index figures not trends	Feb. 2	38						
Sales decline	Mar. 1	40						
Tokyo soap maker planning a fat splitting plant	Feb. 2	22						
U. S. Sanitary Specialties Corp. gives super service on custom soaps	Mat. 22	29						
Waterless hand-cleaner	Feb. 23	54						
Soda Ash:								
Allied Chemical & Dyke Corp.'s Solvay Div. dedicates soda ash plant at Syracuse, N. Y.	May 24	12						
Intermountain Chemical Co. constructing plant near Green River, Wyo.	Jan. 12	18						
Sodium:								
Ithaca Corp. expanding at Houston	Apr. 5	55						
Liquid sodium for atomic submarines	Feb. 16	40						
National Distillers makes addition at Ashtabula, Ohio, plant	Apr. 5	55						
Sodium carboxymethyl-cellulose in drilling operations J. L. Craig	Feb. 9	3						
Sodium methyl silicate is water-soluble, water repellent	June 28	24						
Sodium stearate and sodium alkyl naphthalene sulfonates mixture to keep glasses free	Feb. 23	53						
Sodium polyacrylate as a soil conditioner	Apr. 19	46						

Vicara escapes the stigma of "substitute".
Warwick Chemical Co. offers resin method for imparting water repellency, crease resistance.
Textiles see also Cotton, Rayon, Teflon, Nylon, Vicara.
Thenoxytrifluoro-acetone Jan. 12 38
Thermodynamics—Neil Bailey of Research introduces new theory in thermodynamics Mar. 8 31
Thermometer of paper Feb. 23 44
Tidlop Co., to open office in Chattanooga, Tenn. Feb. 2 40
Tite paste introduced by Schalk Chemical Co. Jan. 12 32

Titanium:

Cleveland Graphite Bronze interested in the metal Apr. 12 16
Dulling agent for rayon and acetate fabrics June 21 53
Ferro Horizons to expand at Nashville, Tenn. Apr. 5 26
Gildgen Co. and Bohm Aluminum & Brass Corp. launching titanium research Apr. 19 30
Potential for boom Mar. 19 19
Price problems in Massachusetts Mar. 29 18
Production is now ahead of demand Feb. 7 36
Titanium-rich slag in Quebec Jan. 12 18
Tobacco dust explosion Jan. 12 35
Toothbrush tested in machine Feb. 9 47
Toothpaste from England dyes gums red May 24 43
Toluene—Argentina opens plant for production of synthetic toluene Feb. 16 26
Platormer-Udex combination to produce benzene and toluene Apr. 28 30
Toxicology—Haskell Laboratory of Industrial Toxicology to be erected for Du Pont Mar. 15 66
Trailers shipped by ship June 21 41

Training in Home Engineering course given previously at Emory Institute. June 14 11
Standard Oil Development Co. gives courses in writing and reading May 10 22

Translucent, static pressure Apr. 19 40

Transport regulations report Feb. 23 47

Treadwell, M. H. establishes an electrochemical construction division Feb. 22 22

Trityl phosphate produced by Ohio Agency May 31 12
Triethylphosphate market trends 2,4,7 trimethoxyethane is product of Dajac Laboratories Mar. 8 26

Triphosphosphate plant in Belgium May 24 29

Tuberculosis—New synthetic macine-related antitubercular drugs are focus of interest Mar. 8 21

Tuberculosis drug diplocin investigated Mar. 1 34

Tungsten:

Horizons working on research information June 7 13
Ore discovered in Montana June 7 15

Vito Chemical may process tungsten Feb. 23 17

Turkey—Foreign capital looks at Turkey as a possible center for chemical investment Feb. 16 26

Turpentine—Hercules Powder helping the turpentine retailer May 24 54

Turpentine-derived lubricants May 3 27

U

Union Carbide at Texas City Mar. 22 14
Union Carbide & Carbon to move to White Plains June 28 12
Union Oil setting up separate chemical division Apr. 5 26
United Carbon plant near Louisville, La. Mar. 22 15
United Feldspar plant burns Jan. 26 15
U. S. Army contracts with Du Pont to reconstruct three production lines at Indiana Ordnance Works June 14 20
U. S. government may just spend money before fiscal year runs out June 28 59
U. S. Industrial Chemicals celebrates 20th anniversary of advertising campaign June 28 42
U. S. merchant fleet is decreasing June 21 43
U. S. Rubber's Naugatuck Chemical Div. opens new sales office on West Coast Mar. 15 33
RFC Port Neches plant to complete conversion Mar. 22 15
U. S. Testing Co. installs psychometric service May 17 38

Uranium:
Anaconda Copper starts production at Grants, N. M. Feb. 2 18
Bananza in Colorado Hills Mar. 24 32
Heavy traces found in Chalumine mine Feb. 16 22
Kemencott Copper to treat uranium in Australia Mar. 24 20
New U-235 plant at Oak Ridge completed Jan. 19 25
Urea formaldehyde resin for use in white enamels Mar. 1 42

Vacuum deposition for producing metal-to-metal bonds Apr. 5 36
Vacuum Metals Corp. organized Mar. 29 38

Valves:

Balvalve... Drafting standards for valves handling certain chemicals Feb. 23 43
Slurry valve Apr. 12 36
Vanadium—Recovering vanadium from phosphates Feb. 2 36
Vanilla flavoring produced by Shulton, Inc. started as a scented agent June 14 29
Vanillin from lignin to be produced by Givaudan-Delavanna May 31 37
Vanillin from lignin to be produced by Monsanto and Ontario Paper Feb. 2 33
Vaporizers—American Aeroquip, Inc. holding patent in Indiana vaporizing devices wins infringement suit Apr. 19 53
Vanishoff, L. L. sues against Vodoflo Corp. takes over Arvey plant Feb. 2 40
Vodoflo Corp. takes over Arvey plant Feb. 23 54
Vermiculite applied on the outside of process vessels May 3 37
Research program to find new industrial applications June 14 33
Veterinary drug for treating mastitis in milk cows May 24 44
Vibration controlled by a product made of glass fibers Mar. 22 60
Vibrator helps move material from hoppers or bins Feb. 9 38
Vicara escapes the stigma of "substitute" Mar. 1 25

Vinyl chloride—Carbide & Carbon Chemicals to expand production Mar. 1 12
Vinylene chloride sponge Mar. 15 14

Vinylidene chloride foamed Mar. 29 36

Viscometer—sampled Feb. 2 35

Visual aids sell ideas fast Feb. 16 14

Vitamins:
Abbott Laboratories develop new vitamin tablets May 10 50
Bis 12 Corp. to offer new tonic combination June 14 33
Cottonseed as a source of vitamin E Mar. 10 50
Keeping qualities of vitamins B-12 and C Mar. 29 32
Nutrition grants June 14 35
Vitamin E product tested by Eastman Kodak June 14 33

Wages:

Atom wages stay put at Oak Ridge June 28 19
Dominion Tar & Chemical Co. receives wage increases Mar. 15 28
Hantford workers get boost Jan. 21 15
"Real" wages Feb. 2 13
Rubber wage stretch June 21 13
U. S. Bureau of Labor statistics for wages in the chemical industry June 14 13
Wage drive in Canada June 28 16
Wages and hours investigated by the division Mar. 15 22
Walker, H. V. and Alua Chemical Co. to consolidate Feb. 16 20

Waste Disposal:

Back siphonage of waste water prevented by system Apr. 19 40
Crown Zellerbach obtains new product from waste sulfite liquor Apr. 12 54
Garbage converted to soil conditioner and fertilizer by Compost Corp. June 28 49
Industrial wastes discussed by public health experts June 7 23
Years' process for treating sulfite waste to be studied by Iowa State College for Consolidated Water Power & Paper Co. June 28 29

Water—Arthur D. Little settles suit against government relating to vapor compression distillation patents Feb. 23 17
Water meter April 19 40

Water Pollution:

Boron use by citrus packers in the West has been decreased June 21 35
Federal agencies due to crack down Jan. 19 16
Virginia's anti-stream pollution bill Mar. 15 20
West Virginia Water Commission sends trailer truck laboratory into an area Jan. 26 12
Waterfitting—Non foaming silicone resin for watertightening Apr. 19 51

Sealing compound for masonry May 24 44

Waterproofing Apr. 12 42

Water resources—new federal policy to be put in law June 28 14

Water treatment—Iomics, Inc. develops continuous process for getting fresh water from sea Mar. 8 35

Process eliminates scale Apr. 5 47

Watford Chemical of Great Britain sets up Canadian subsidiary June 28 16

Wax:

Bareco Oil Co. produces oxidized microcrystalline waxes Mar. 8 43
Beacon Wax introduces new wax and dirt remover June 28 49

V

Carbanawax prices not to be lower June 21 57
Floor wax with linoleum controls insects and protects floors June 28 48
Humaid Co. to soon produce montan wax Apr. 10 33
Insect-repelling floor wax Feb. 16 56
Pelleted canning wax May 31 46
Socomy Vacuum Oil sells home-canning wax business Mar. 15 46
Suds and stain cleaner May 17 55
Synthetic wax beads Wells to hold freshwater and prevent salt water intrusion halted as an experiment Apr. 19 16

Wetting agent patent awarded American Cyanamid June 14 35

Windshield spray Mar. 8 48

Wines—drying agent to eliminate traces of copper and iron June 21 50

Winbeam Chemical Service formed Apr. 19 50
Winton-Stearns of Canada consolidated Feb. 2 20

Wollastonite deposit at Willboro, N. Y. May 3 12

Wood—Chemical processing of wood waste should be studied by Pacific Northwest lumber industry Apr. 26 26

Investigation of wood sawdust research at University of California Wood preservative based on pentachlorophenol Feb. 2 40

Resistance by fungi May 17 38
Worthington Pump & Machinery Corp. changes its name April 5 47

X

X-ray microscope at Stanford University Feb. 16 31

Z

Zinc—Canada-Quebec province yields a rich deposit June 28 13

Cominco Copper & Zinc reworking silver mine for zinc Apr. 19 20

Zinc compounds for fungus control S. S. Block Jan. 26 22

Zirconium—Horizons working on research information June 7 13

Zirconium carbonate compound for poison ivy June 14 51

AUTHOR'S INDEX

BHATNAGAR, S. S. On the horizon sulfide... Apr. 5 4

BLOCK, S. S. Chemicals for fungus control Jan. 26 21

BRADY, R. H. Cyclone booster Feb. 2 2

CARLETON, R. Milton. Hydroponic debate... Jan. 19 2

CRAIG, J. L. Add CMC to the list Feb. 9 3

DOETSCH, J. F. Stable nitrates Apr. 26 2

FRISELL, Parker. Gas chemicals May 31 2

GIBIANI, T. G. Saran for foods Apr. 26 2

HANMER, Hiram R. Sought: character... Apr. 12 2

HARTFORD, Winslow H. Synergistic chromium... Apr. 5 4

HAWOOD, Allan S. The union shop issue... May 3 2

JORDAN, W. Alex. Bad bargain for everyone... Mar. 29 2

Chemical Week changes... Feb. 16 2

KANE, Vernon H. Organized, not "unorganized"... Apr. 5 6

REICHE, E. H. Gas chemicals May 31 2

TEUTMEYER, M. Stable nitrates... Apr. 26 2

WINTERKORN, Hans F. Soil science neglected... May 24 2

ZUSSMAN, H. W. It's still news... Apr. 26 2

Chemical Week

INDEX

Volume 71—July-December, 1952

A

ACTH:

- Armour & Co. researchers succeed in isolating pure ACTH..... Dec. 6 36
- Nordic Biochemicals produces a new version of ACTH..... Nov. 22 40
- Accidents—National Safety Congress discusses progress in cutting down accidents..... Nov. 8 59
- Acetyl chloride reacts with the presence of ethylene oxide..... July 5 42
- Activated Alum Corp. assets acquired by Mathieson Chemical Corp..... Nov. 29 18
- Acetylene—1950 production and projected production for 1955 and 1975 July 5 33
- Achromycin may be active against sleeping sickness..... Sept. 27 55
- Acme Soap & Chemical Co. plant near Atlanta to expand..... July 26 43
- Actithiazic acid research..... Dec. 13 36

Adhesives:

- Adhesion studies to be made by Case Institute of Technology..... Nov. 1 32
- Araldite Epoxy adhesives for bonding metal to metal or to non-metals by Ciba..... Oct. 18 55
- Cement for bonding foamed materials..... July 5 15
- Delayed tack case in court..... Sept. 7 6
- Insecticide adhesives are getting into major distribution..... July 12 41
- Rubber tile cement..... July 26 44
- Standard for water resistant adhesive for clay..... Aug. 16 31
- Adhesives seem also Glue
- Adhesives Products expands plant..... Dec. 27 42

Aerosols:

- Aerosol-dispersed shaving lathers slated for a big boost..... July 5 53
- Aerosol Products Corp. manufactures Pronto Dye-Foam for carpets..... Nov. 22 52
- Artificial snow dispersers to be completely filled..... Aug. 2 53
- Canned bandage..... Dec. 13 52
- Fade-proof window coating, aerosol..... Aug. 30 33
- Mennen Foam Shave aerosol dispensed..... Oct. 25 67
- Packaging contest awards made at meeting..... Dec. 20 57
- Par Industries sets up aerosol loading plant and lab in Los Angeles..... Sept. 27 84
- Reusable sprayer..... Oct. 11 58
- Water repellents aerosols..... Dec. 6 40

Agrochemicals:

- Carbide & Carbon shows new agricultural chemical research results..... July 19 47
- Du Pont tests chemicals on a California farm..... Aug. 23 42
- Hog-belt social catches customers..... Aug. 9 26
- Research by Chas. Pfizer & Co. shows stimulation of plant growth by antibiotics..... Sept. 20 69
- Soybean seeds from American farms..... Aug. 23 21
- Air filter, a synthetic spider..... July 26 35

Air Pollution:

- Houston, Tex., source of trouble about industrial fumes (map of companies)..... Oct. 4 19
- Los Angeles "smog" probe..... July 12 50
- Louisville citizens call for shutdown of plant smoking shag..... July 19 12
- Louisville, Ky., to survey plants for smoke control..... Oct. 4 16
- Louisville's rubber plants do not make all the smog..... July 26 16
- Philadelphia's ordinance attacked as unconstitutional..... Sept. 20 23
- Political issue in city halls..... Nov. 15 21
- Texas air pollution drive..... Aug. 30 12
- Texas cities give cities a means to jail air pollution violators into action..... Oct. 25 16
- Vichemco Chemical plant, Buffalo, closed for air pollution..... July 26 20
- Air pollution see also Smoke pollution
- Air preheaters production to increase..... Oct. 18 71
- Air Reduction Chemical Co. producing at Bound Brook, N. J..... July 12 47

Airplanes:

- Air inventories by TVA..... Oct. 25 51
- Airplanes as business planes for chemical companies..... Dec. 13 70

Albumin product by Standard Scientific Supply Corp..... Sept. 20 75

Alcohol:

- Acetylenic alcohols to be produced by Air Reduction Chemical Co..... July 12 47
- Polymer alcohol produced by Colton Chemical..... July 26 20
- Production balance will shift toward the synthetic product..... Nov. 15 61
- Weyerhaeuser Timber decides not to lease ethanol-from-wood waste plant..... Aug. 16 14

Algonquin Chemical bought by National Distillers Products..... Aug. 2 15

Aug. 16 40

Alkali:

- Diamond Alkali vice president presents his views on the stumbling blocks to plant expansion..... Oct. 11 21
- Plant investment, costs, profits: 1940-1951 (table)..... Oct. 11 21
- Allotriethrin—Benzol Products increases capacity eight-fold in two years..... July 5 64
- Allied Chemicals Buoy Corp. Nitrogen Div. to expand..... Oct. 11 34
- Alpha-chloroacetamide proves effective in plastics manufacture..... Nov. 22 44

Alumina:

- Alco begins bauxite refining at Bauxite, Ark..... Nov. 1 14
- Aluminum Ore Co. to construct plant at Bauxite, Ark..... Dec. 6 14
- Filtrol Corp. to build plant to recover alumina and ammonium sulfate from waste liquor..... Aug. 30 12
- Alumina Ltd. is new name for Jamaica Bauxite Ltd..... Nov. 22 34

Aluminum:

- African Gold Coast may have aluminum metal plant..... Dec. 13 18
- Alco in production at Wenatchee, Wash..... Sept. 6 13
- Alco plans for Alaska plant at Rockdale, Tex. works..... Sept. 6 13
- Aluminum Co. begins production at Rockdale, Tex. works..... Dec. 6 14
- Aluminum Co. has reactions on Skagway, Alas. plant..... Sept. 13 13; Sept. 27 16
- Aluminum Ltd. begins production of bauxite on Kassa Island, French West Africa..... Nov. 8 28
- Defense Production Administration gives plans for aluminum expansion..... Oct. 11 13
- Bus bars of aluminum..... Aug. 30 31

Further uses of aluminum in process plants..... Nov. 29 51

Kaiser Aluminum and Chemical Corp. forms electrical research department..... Nov. 8 38

Kaiser Aluminum & Chemical increases production at New Orleans plant..... Oct. 18 18

Olin Industries considers Arkansas as site of plant..... Dec. 27 12

Olin Industries to produce aluminum..... Dec. 6 14

Reynolds Metals Co. purchases Berdice Co. Ltd..... Dec. 20 16

Russia reports new test for aluminum..... July 5 42

Soder, aluminum based..... July 5 56

Spartan Aircraft may produce aluminum..... July 26 20

Urgent need for aluminum..... Nov. 29 17

American Chemical Society meets in Atlantic City..... Sept. 20 18

American Cyanimid buys land for expansion..... Sept. 13 18; Oct. 4 16

To distribute products in Mexico through Cyanimid de Mexico, Inc. Oct. 25 41

American Institute of Chemical Engineers Charleston Section gives lecture series on chemical engineering..... July 26 14

American-Marietta diversifies for strength..... July 5 55

American Marketing Assn. discusses sales and the future market..... July 12 37

American Polish & Chemical will bromine to Easton Chemicals Div. Aug. 23 15

American Wheelbarrow & Equipment Corp. moves office to Hoboken, N. J..... Dec. 6 52

Ames Chemical Co. to sell auto specialties..... Sept. 20 61

Amistar, Rohm & Haas Co. offering first development quantities of tert-butylamine..... Oct. 4 32

Ammonia:

Ammonia urea plant near Memphis, Tex. Battled by nearby residents..... Aug. 30 9

Ammonia-urea plant negotiations between W. R. Grace & Co. and Davison Chemical..... Nov. 1 13

Atlantic Refining to construct unit at Point Breeze refinery..... Nov. 1 14

Calgon's competing plant to make ammonia and urea for fertilizers..... Nov. 8 28

Deere & Co. to produce ammonia and urea..... July 19 14

Elizabethtown Anhydrous Ammonia Co. chartered..... Nov. 8 46

Hydrogen from natural gas in the synthesis of ammonia..... Aug. 30 28

Lion Oil to build ammonia-ammonium nitrate plant..... July 19 14

Mississippi Chemical to expand anhydrous ammonia at Yazoo City, Miss..... July 19 16

Norway to increase capacity of production units..... Oct. 4 24

Quaternary ammonium compounds in liquid media estimated..... Sept. 13 36

Romagnac established by Hungry and Romanian to use natural gas plant..... Sept. 20 24

San Jacinto Chemical to increase capacity of anhydrous ammonia unit..... Oct. 11 16

Ammonium nitrate—Fertilizer grade ammonium nitrate will be subject of Supreme Court deliberations..... Nov. 15 24

Ammonium salts, two new quaternary available from Onyx Oil & Chemical Co..... Nov. 1 31

Ammonium Sulfate:

Filtrol Corp. to construct plant to recover alumina and ammonium sulfate from waste liquor..... Aug. 30 12

Great Britain to cut production at Billingham..... Aug. 23 22

Inland Steel eliminating middleman in its distribution..... July 19 51

Japan's place in international markets..... Dec. 20 28

Pakistan to have factory to produce ammonium sulfate..... Dec. 20 26

Portugal in production..... July 5 20

Sheriff Gordon's Alberta refinery—score card on metals process..... Oct. 11 44

Amyle acetate, synthetic, used for anti-hispidus..... July 19 56

Amyle films developed by USSR..... Oct. 4 30

Anaconda Aluminum set up by Anaconda Copper..... Oct. 18 18

Anchor bolts..... Sept. 27 60

Anodes, magnesium, to supply electrolytic protection for steel ship bottoms..... Nov. 29 59

Antibiotics:

Acidic penicillin acid research..... Dec. 13 26

Aureomycin and tetracycline are similar in structure..... Sept. 1 33

Aureomycin's workings explained by Lederle Laboratories..... Nov. 29 50

Changing pattern of antibiotics (table)..... Aug. 16 47

Chlormycetin patent upheld in Jerome, Idaho..... July 19 27

Chlormycetin reported to cause blood disturbances..... July 19 36

Chlormycetin use with caution..... Aug. 23 67

Ciba Pharmaceuticals new drug for hypertension..... Oct. 25 29

Erythromycin a new antibiotic isolated by Abbott Laboratories..... Nov. 15 40

Fundamycin, a new nitrofuran bactericide..... Oct. 11 31

Ibotycin isolated from Philippine soil samples..... July 5 38

Israel wants antibiotic plant..... July 26 20

Magnamycin discovered by Chas. Pfizer & Co..... Oct. 25 32

Magnamycin evaluation..... Nov. 1 33

Chas. Pfizer & Co. opens warehouse in Atlanta, Ga..... Oct. 25 41

Chas. Pfizer sets up subsidiary in Brazil..... Aug. 16 43

Research by Chas. Pfizer & Co. shows stimulation of plant growth by antibiotics..... Sept. 20 69

Russia increasing production of antibiotics..... Dec. 6 13

Shangai Duhme experimenting with three antibiotics..... Oct. 11 32

Soil from Indian burial mound produces mold active against sleeping sickness..... Sept. 27 55

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Streptomycin antibiotic by Chas. Pfizer & Co. Oct. 25 41
Streptomycin discoverer S. A. Waksman discusses the subject Dec. 6 28
Sennettin to be investigated by three companies Oct. 4 34
Tuberculosis drug developed in Germany Sept. 20 75

Antihistamines:

Long lasting antihistamine introduced by Eli Lilly July 5 56
Prescription sales going up but over-the-counter sales slipping July 26 14

Antimalarials:

Diaminoypyrimidines as antimalarials Dec. 6 34
New synthesis for chloroquine Aralen reported by University of Wisconsin Oct. 25 36

Anti static agent with cationic characteristics for synthetic fibers Sept. 27 87

Antitrust:

Antitrust team bolstered Dec. 13 18
Du Pont, General Motors and U. S. Rubber case in court for a long winter Dec. 6 11

Du Pont, General Motors and U. S. Rubber defendants in Government suit—children in court Nov. 15 24

Du Ponds to come to Chicago for Lawsuit catalytic suit Aug. 9 15
Dec. 27 9

Trial starts in Chicago Nov. 29 17
Trust protection ends for the U. S. companies July 26 20

Applied Research Laboratories to open branch factory in Switzerland Nov. 22 16

Arapahoe Chemicals, Inc. forms a new subsidiary Dec. 6 14

Architects—Midland Co. opens western office July 26 61
Aug. 2 53

Aromatics:

Solvay Process Div. producing chlorinated aromatics in pilot plant Aug. 30 40
Tracerlab, Inc. developing method of preparing tracer toluene and benzole acids Dec. 13 36

Ashland—DMPA to establish processing plant in Arizona Sept. 13 16
Asphalt's adhesion to road stone to be tested by scintillation counter Oct. 4 34

Aspirin:

Aspirin and cost of living chart Sept. 13 2
Heyden Chemical Corp. is one of the leading producers Dec. 13 54

Overcharge by drugists Dec. 13 17
Product being designed to anchor their hold on the painkiller sales Nov. 29 71

Atlas Powder Co. has San Francisco sales office July 5 50

Atomic Energy Commission:
Carbide & Carbon Chemicals Co. working on labor contracts July 12 12

Congressional reorganization, AEC and Department of Labor Aug. 9 18

Gosling Tire & Rubber Co. and Union Carbide & Carbon are contractors for Ohio plant Sept. 27 13

The H-bomb market July 5 46
Labor relations at the Paducah and the Savannah River plants are dissolving Oct. 18 16

Labor relations still in cold stage Nov. 8 23

Oak Ridge Institute of Nuclear Studies signs contract to continue AFC programs July 26 36

Oak Ridge plant averts strike Nov. 1 15
Ohio atom bomb plant conference Aug. 23 16

Ohio Valley electric power contract benefits the region Nov. 1 18

Pandemic energy plant's bargaining agency decided Dec. 20 18

Paducah, Ky. labor situation may be investigated Nov. 1 16

Paducah, Ky. plant may have trouble in hiring plant police Aug. 30 10

Paducah, Ky. union battle Dec. 27 18

Paducah, Ky. workers still on strike Nov. 30 11

Paducah, Ky. unions trying to outdo each other in grandeur of equipment Dec. 27 16

Paducah, Ky. workers sue Aug. 9 25

Radioactive wastes safely disposed in ocean mud Dec. 6 36

Releases 26 more patents Dec. 27 34

Union Carbide's Oak Ridge National Laboratory has impurity-detecting equipment with protons Nov. 22 40

Atomic Power:
Argonne National Lab. boasts new atom-smasher Nov. 1 33

Atomic reactor at North American Aviation Sept. 6 56

Foster Wheeler and Pioneer Service & Engineering to survey feasibility of private plant to produce power of electricity from atomic piles Sept. 27 14

France completes second atomic pile Sept. 13 36

Geneva, Switzerland, is location for proposed European center for nuclear research Oct. 25 32

Walter Kidde Nuclear Laboratories establishes an advisory committee Nov. 29-48 50

Navy's Radiological Defense Laboratory is windless Dec. 13 36

University of Utah to build a nuclear reactor July 12 48

Attapulgus Clay Co. assets acquired by Minerals Separation North American Corp. Dec. 13 16
Aureomycin meadant July 12 45
Aureomycin action Sept. 13 34
Aureomycin's workings explained by Lederle Laboratories Nov. 29 50
Automation: control by product Dec. 27 28

B

B & H Chemical Co. formed Nov. 29 73

Bagasse:
Manila company to build pilot plant for pulp from bagasse Dec. 20 26

May be used as source of newsprint material Oct. 11 16

Process for newsprint from bagasse perfected Oct. 18 21

Bagdad Copper to supply copper and manganese to DMPA Nov. 1 14

Bakelite Co. reorganizing July 19 56

Baker Chemical Co., J. T. moves into new quarters Oct. 11 49

Barium Steel joining in oil well drilling Oct. 25 18

Bartolinoid, Houston may have plant to process Oct. 18 21

Bauxite—Found in British Columbia July 19 16

Beckman Instruments to construct new sales building in Mountaintop, N. J. Dec. 6 48

Benadryl with hyoscine used to treat nasal sickness Dec. 13 57

Benzenes:
Is benzene really short? Sept. 6 62

1950 production and projected production for 1955 and 1975 July 5 29

Radioactive benzene, toluene and benzoic acid prepared by Tracerlab Dec. 13 36

Standard Oil Co. of Calif. completing refinery at El Segundo, Calif. Dec. 27 12

Berkshire Chemicals buys Innis, Spiro & Co., from International Minerals & Chemicals Oct. 25 18

..... Nov. 1 49

Bettiniger Corp. acquires Toledo Porcelain Enamel Products Aug. 23 15

Bjorksten Research Foundation Oct. 11 32

Bleaches:
Lime bleach for Salton chenille mills Oct. 4 48

John Wiley Jones Co. to feature bleach Aug. 9 42

Blockson Chemical Co. a growing concern Aug. 2 16

Blood Plasma:
Polyvinyl chloride bags preserve blood better than glass Nov. 1 32

Polyvinyl pyrrolidone as a blood plasma extender Nov. 1 32

Blood pressure reducing drugs in the offing—research by Rockefeller Institute Sept. 20 70

Borden Co. adding to line of chemicals Sept. 20 47

Bowater Paper Corp. set up to manage British properties in U. S. Oct. 25 18

Brick & Vermulite and clay binders Nov. 29 60

Bristol Myers helps form Bristol Laboratories Aug. 23 22

Brown Allen Chemicals—OPS kill contract Aug. 23 19

Brown Co. builds a market on diversification July 12 34

Brown Forman Industries helps parent company by its chemicals and other products Dec. 13 17

C

Calcium ammonium nitrate fertilizer shipping restrictions for safety Nov. 22 48

Calcium zeolite white reinforcing material Nov. 15 46

Calumet & Hecla may enter the plastics business Sept. 27 14

Calumet & Hecla Consolidated Copper Co. to be called Calumet & Hecla, Inc. Nov. 1 14

Cambridge Corp. is new subsidiary of Carrier Corp. and Arthur D. Little Oct. 25 18

Cameras, photomicrography Aug. 30 31

Canadian mobilized chemical mobilization department Oct. 25 15

Canada-U. S. chemical processing companies building branches in Canada Nov. 8 19

Canadian Chemical & Cellulose to vote on directors Aug. 23 15

Canadian Exploration Ltd. purchases Emerald Molybdenum Oct. 25 18

Canadian Imperial Chemical Industries and Du Pont must end their joint ownership Oct. 1 13

Canadian Industries, Ltd. not to be split without consulting directors Sept. 6 15

Canadian Rock Salt Co. to sink mine near Windsor Dec. 13 16

Cans see containers

Carbox active fiber from hardwood products Givler Corp. Dec. 13 16

Carbide & Carbon revises prices July 12 57

Shows new agricultural chemical research results July 19 47

Carbon Bisulfide:

Dow Chemical to stop production at Midland, Mich. July 26 61
Stauffer Chemical Co.'s new plant completed Nov. 29 20

Carbon Black:

Gofrey L. Cabot, Inc. produces high conductivity oil furnace carbon black Aug. 30 26
New furnace black Nov. 15 46

Carbon Dioxide:

Explosion in Ultra Chemical Works July 26 16
Fultons Chemical Co. to build new plant Nov. 22 16

Carbon gas from Hawaii to be handled by Great Lakes Carbon Corp. Oct. 18 55

Carbon tetrachloride—alcohols very sensitive to fumes Aug. 30 34

Carborundum Co. and a British firm trying to acquire a South African subsidiary Nov. 15 30

Casting produced by mold of sand held together by thin resin shell Aug. 23 56

Catalysts:

Houdry Process Corp. begins production of petroleum catalyst at Paulsboro, N. J. Oct. 25 18
Sun Oil's second catalytic waste-burning unit proving successful Nov. 1 40

Cautious plans used to remove enamel from sinks Dec. 13 57

Causeway:

North Carolina, C. S. to have storage depot for caustic soda Oct. 25 41
Western Chemicals to build new plant Oct. 25 18

Celanese Corp.:

N-propyl acetate now available July 12 36

Open chemical branch in Charlotte, N. C. Sept. 13 46

Cellophane—Du Pont to expand Spruce Hill plant, Richmond, Va. Dec. 6 14

Cellulose:

Brazil to extract cellulose from banana stalks Dec. 20 26

Germany—Kalle Works established as independent company Dec. 27 10

Spain to have factory Nov. 29 28

Cellofase reducing algae like fat profits Sept. 27 82

Centrifugal cellulose resin Aug. 23 47

Centennial of Engineering celebrated in Chicago Sept. 20 37

Ceramics:

Ceramics bubble caps Nov. 8 60

Ferro Corp. opens a hobby outlet July 26 61

Fiberfrax ceramic fiber Aug. 16 37

Checks designed for chemical companies Nov. 22 32

Chemical Club of Philadelphia elects officers Dec. 6 48

Chemical cooling explained by New York chemists by C. G. Dunkle July 5 41

Chemical Cotton Finishers Conference Oct. 16 55

Chemical Developments:

Capital expenditures 1951, 1952, 1953, Nov. 8 14

Chemical economy of the world Oct. 4 14

Chemical process industries shines as productivity paragon (chart) Dec. 27 14

Chemicals introduced since Nov. 1951 (CW Report) Sept. 6 19

CW makes spot survey of chemical markets and finds improvements Oct. 18 65

Current list of certified chemical facilities see Defense Production Administration

DIA lists chemicals, their expansion and requirements Aug. 23 25

European technical team visits American Chemical equipment makers and issues report Sept. 27 14

Fiftieth anniversary of chemical progress July 12 27

Guide to export market for chemicals and chemical machinery Oct. 25 39

Long and short supply Aug. 16 11

Manufacturing Chemists' Assn. issues list of certified chemical facilities by states Dec. 6 14

Market trends (charts) July 5 61

Most chemicals now in good supply Aug. 2 58

Nine month's sales of 22 companies Nov. 8 13

No out-expansion fears for the chemical industry Nov. 15 22

President's Materials Policy Commission reports shortages coming, count on chemicals July 5 25

Russia's five-year chemical plan compared to U. S.'s four year plan (charts) Oct. 25 20

Chemical Engineering celebrates fifty years of publication July 12 27

Chemical engineers see Mansouri, technical

Chemical Market Research Assn. discusses the future of plastics Dec. 27 48

Chemical Salesmen's Assn. to start "Sales Clinic" Sept. 20 52

Chemical Specialties Mfrs. Assn. meeting Dec. 20 57

Symposium planned Dec. 6 44

Chemical Week Reports:

New chemicals for industry Sept. 6 19

The \$100 million market for waxes Sayre & Marsel Sept. 27 29

Phthalocyanines: pigment prodigies Aaron Permutt Nov. 29-31 46

Phosphorus: shifting, growing, changing Joseph Gordon Aug. 2 26

President's Materials Policy Commission reports shortages coming, count on chemicals July 5 25

You decide: competitors or partners W. C. Caswell Nov. 1 20

Chem-Analyst changes its form.....	Dec. 27	56
Chesstrand Corp. planning to dredge area near new nylon plant.....	Dec. 6	47
Chiksan Co. moves to Canada.....	Nov. 22	75
Chlorates—Oldbury Electro-Chemical to locate plant in Columbus, Miss. Sept. 27	16	
Chlorine:		
Chlorine mishap in Houston yards of Diamond Alkali Co.	Aug. 16	44
Hoover Electrochemical constructing chlorine caustic plant at Montague, Mich.	Sept. 13	16
Marathon Paper Mills of Can. uses De Nora cells for chlorine caustic.	Sept. 13	16
Muscle Shoals, Ala., to have new plant Dec. 6	14	
Stacking chlorine cells reduces cost of plant	July 19	29
John Wiley Jones Co. buys chlorine in tank cars, sells in cylinders.	Nov. 22	46
p-Chloro metaxenol, a household antiseptic produced by Ottawa Chemicals.	Dec. 20	58
Chloromycetin:		
Parke, Davis & Co. defending patent in Israel.	Oct. 4	15
Patent rights battle in Israel.	July 5	15
Reported to cause blood disturbances. Use with caution.	July 19	36
Aug. 23	67	
Chlorophyll:		
American Chlorophyll to expand Lake Worth, Fla. facilities.	Sept. 20	18
American Dental Assn. evaluates Lever Bros.' Chlorodent toothpaste.	Nov. 15	26
Automobile deodorant.	Sept. 13	51
Chlorophyllin deodorants tested with osmometer.	Aug. 30	40
Demand increases, companies improving their processes.	Nov. 22	69
Deodorant with chlorophyll.	Dec. 13	57
Drycleaning dogs with chlorophyll-treated cloth.	Oct. 25	67
Duty raised.	Sept. 26	13
Favorable comment is receding.	Dec. 27	42
Gifford begins extraction of chlorophyll from alfalfa.	Sept. 20	18
Guatemala checking possible chlorophyll extraction.	Sept. 13	51
Imported from England.	July 5	56
Impregnated felt.	Oct. 25	67
More research needed on chlorophyll O'Neill Ryan, Jr.	Sept. 20	2
National Alfalfa Dehydrating & Milling Co. to build plant.	July 12	44
National Chlorophyll & Chemical begins construction of extraction plant.	Oct. 25	18
Nature's magic ingredient, W. A. Jordan.	Aug. 16	2
Pink chlorophyll in pilot production.	Nov. 15	67
Popcorn flavored with chlorophyll.	Dec. 6	44
Socks treated with chlorophyll.	July 12	42
Soybean oil extraction unit adapted to production of raw chlorophyll from alfalfa meal.	Sept. 13	16
W. H. Wheeler of Airwick discusses the product.	Aug. 2	52
Chlorosulfonic acid to come from Tennessee Corp.	July 5	16
Cholestenone, ring labeled, offered by Roche Laboratories.	Oct. 18	43
Citric acid—National Research Council of Canada to develop its process for production of citric acid from beet molasses.	Dec. 13	36
Citrus peel for new azo dyes.	Dec. 20	36
Cladding machine.	Nov. 15	55
Clay blown up in special furnace produces a fine granular aggregate.	Sept. 27	60
Cleaners:		
Anderson, William G., moves to larger plant.	Oct. 4	48
Desodorizing cleanser.	Aug. 2	54
Glaremore grows up.	Oct. 4	46
Hotels to meet to discuss new ideas.	Oct. 11	57
Steam cleaner.	Oct. 11	59
Tetrasol Chemical to offer line of cleaners and laundry compounds.	Sept. 20	16
Cleaners see also Detergents		
Cleveland Graphite Bronze wants to change name to Clevert Corp.	Oct. 25	17
Coal:		
Carbide & Carbon's first shipment of coal chemicals by the tank car.	Dec. 27	50
Carbide & Carbon Chemicals to introduce first of its coal hydrogenation products.	Oct. 18	35
Hydrogenation of coal discusses by Carbide & Carbon at MCA meeting.	Dec. 6	50
Low-temperature carbonization of coal research studied by Southern Research Institute.	Sept. 13	36
-1950 production and forecasts for 1955, 1975.	July 5	26
President's Materials Policy Commission surveys sources of energy.	Aug. 16	34
Underground coal gasification test at Georgia Tech.	Dec. 20	44
U. S. Bureau of Mines proposes hydrogenation plant.	July 5	16
Youngstown Sheet & Tube will add by products coke battery.	Nov. 15	17
Coal Tar:		
Alied Chemical & Dye to erect coke-oven batteries at Gary Steel.	Nov. 22	16
By-product ovens to produce coal-chemicals safer than beehive ovens.	Aug. 23	16
Koppers will initiate its tar products at Fontana, Calif.	July 19	16
Pittsburgh Coke & Chemical soon to produce.	Oct. 18	21
Coatings:		
Boosting the durability of automobile bodies with plastic undercoatings.	Sept. 13	49
Neoprene protective coating.	Dec. 20	58
Tector, a corrosion-resistant synthetic coating.	Sept. 27	84
Cobalt:		
Canada lifts ban on export of cobalt.	July 5	16
Canadian Fisherboy to start production at copper-cobalt mine in Uganda.	Nov. 1	18
Cobalt-60 found superior for sterilizing fruit.	Aug. 9	36
Howe Sound's refiner at Garfield to produce soon.	Oct. 18	18
U. S. to buy cobalt from Silver Miller Mines.	Aug. 23	14
Coke Ovens:		
Constructed for Algoma Steel at Sault Ste. Marie, Ont.	Sept. 27	16
Coking oven.	Nov. 15	56
To be honored by Belgian refractory shipment.	Dec. 13	42
Colloid gel to keep food refrigerated.	Aug. 16	29
Color Affect Lithography by Fuld Bros. to be available on private-label supplies.	Nov. 8	42
Combustion deposit in engines studied by Ethyl Corp.	Nov. 22	42
Consolidated Chemical Development Assn. meets.	Oct. 18	17
Commercial Solvents combines foreign and domestic drug sales.	Aug. 16	44
Compressor, centrifugal.	July 19	30
Concrete densifier.	Sept. 13	51
Consistometer made by Central Scientific Co.	Aug. 2	50
Consolidated Chemical Industries passes into full control of Standard Chemical Co.	Dec. 27	12
Consolidated Engineering Corp. Instruments new office in New York.	Oct. 4	42
Consolidated Feldspar Corp. to be absorbed by International Minerals & Chemical.	Nov. 15	18
Consolidated Industries installs new annealing furnaces.	Dec. 13	16
Construction:		
Building contractors keeping chemical expansion program moving.	Aug. 9	16
Produce allotments (table).	Sept. 6	16
Containers:		
Can lining materials—epoxy resins usually in combination with phenolics show promise for beer cans, food.	Nov. 1	43
Carton coated with water repellent.	Aug. 23	42
Carton lined with Holland.	Aug. 23	42
Color Affect Lithography by Fuld Bros. to be available on private-label supplies.	Nov. 8	42
John Wiley Jones Co. buys chlorine in tank cars, sells in cylinders.	Nov. 22	46
Jute bag lined with synthetic rubber.	Aug. 23	63
Movie to help users of industrial bags.	Nov. 24	48
NOVA containers for cosmetics.	Oct. 18	55
Picture symbols for containers of hazardous chemicals discussed by Int'l. Labor Conference.	Nov. 15	17
Plaskon Div. runs into difficulties over colored bottlecaps for medicines.	Sept. 13	42
Plastic bags found to preserve blood better than glass.	Nov. 1	32
Private labelers, chemical packaging expanding.	Aug. 30	23
Rheem Mfg. Co. transfers its drum production from Bayonne to Linden, N. J.	Oct. 25	41
Tank made with inert plastic cover that floats.	Nov. 22	73
Controls:		
Automation: control by product.	Dec. 27	28
Elevator control device has Geiger cell.	Aug. 2	51
End-point temperature control.	Oct. 4	43
High frequency control.	Oct. 25	54
Photoelectric controls.	Oct. 4	43
Radioactive controls for the process industry is goal of Hazatrol Corp. Self-balancing indicator controller.	Sept. 13	61
Copper:		
Bagdad Copper to supply copper and molybdenum to DMPC.	Nov. 1	14
DMPC signs contract for copper and molybdenum from San Manuel Copper.	Sept. 13	16
Wire & Cable Industry Advisory Committee makes recommendations to the government.	Oct. 18	71
Copper cyanide to be sold by Kraft Metal.	Nov. 29	60
Copper phthalocyanine is the geling agent for heat resistant lubricant.	July 5	37
Copper sulfate to destroy "red tide" fish plague.	Dec. 13	54
Cornwell Chemicals, Inc. acquired by Hydrocarbon Chemicals.	Nov. 1	13
Corrosion:		
Hollingshead demonstrates corrosion prevention compounds.	Dec. 13	54
Magnesium anodes as a means of con-		
trolling the underwater corrosion of ocean-going ship bottom.	Nov. 8	49
Rust remover.	Aug. 30	34
Stanwood Oil Corp. acquires corrosion treatment process.	July 19	30
Cortisone:		
Australia to try cortisone from whales.	July 26	20
Diogenesin extracted from African plant provides cortisone.	Nov. 22	54
Dragon gives substitute for cortisone to patient, fined and jailed.	Aug. 23	16
Merck & Co. reports a total synthesis of the hormone.	Oct. 25	29
Portuguese gang has been selling cortisone as cortisone.	Oct. 25	16
Research on the right microorganisms in cortisone.	Sept. 13	33
Spartacus added to "poison list" of Staphylococcus plants a source of steroids for cortisone.	Aug. 9	24
Syntex (Mexico City) develops microbial process for cortisone.	Oct. 25	30
Upjohn busy packaging.	July 19	51
Cosmetics:		
Merle Norman Cosmetics opens plant in Los Angeles.	Sept. 27	84
Cos-control program by General Aniline Film Co.	Nov. 8	59
Couplings, Snap-Tite.	Dec. 6	52
Cranes, portable.	Dec. 27	32
Cresols—1950 production and projected production for 1955 and 1975.	July 5	33
Cryolite:		
Government asks for additional synthetic production.	July 19	61
Reed & Barton to make plant.	Sept. 20	18
Cumarene in rat poison.	Aug. 23	44
Cumene:		
Standard of California to make cumene from benzene and propylene.	Aug. 30	12
Two new patents.	Dec. 13	34
Cyanides:		
Behind the cyanide boom.	Oct. 4	55
Cyclic finished products—1950 production and projected production for 1955 and 1975.	July 5	29
DDT:		
Akio Glass Co. in Tokyo to construct plant in Indonesia.	Nov. 29	28
Applications to interior buildings more successful with undercoating of phosphate.	Oct. 11	32
Budworm spraying to be repeated.	Oct. 18	52
Egyptian scientists want plant.	Sept. 20	52
Metal atom used to test mosquito resistance to DDT.	Sept. 20	61
Manufactured DDT studied as an insecticide against mosquitoes.	Aug. 23	38
Dacron:		
Advertisements present the fiber.	Nov. 1	16
British bring out new fiber Terylene, in U. S. marketed under the name Dacron.	Nov. 1	12
Du Pont to erect factory near Kingsport, N. C.	Dec. 27	12
Data Engineering formed.	July 19	30
Davison Chemical Corp. and W. R. Grace & Co. may become a single company.	Dec. 6	11
Defense:		
Companies working on defense contracts to count on Congressional inspections.	Aug. 9	18
Government issues "Standards for Plant Protection" booklet.	Aug. 9	14
Defense Production Administration:		
Additional expansion goals.	Aug. 30	30
Current list of certified chemical facilities.	July 12	14
July 14—July 26, 15; Aug. 9, 18; Aug. 16, 19; Aug. 23, 25; Aug. 30, Sept. 3, Sept. 20, 28; Sept. 27, 28; Oct. 16, Oct. 11, 16; Oct. 18, 19; Oct. 25, 27; Nov. 1, 14; Nov. 8, 20; Nov. 15, 18; Nov. 22, 17; (summary) Nov. 29, 20; Dec. 10, 18.		
Expansion expenditures through September.	Oct. 25	15
Lists 43 chemicals, their expansion and imports.	Aug. 23	25
Manufacturing Chemists Assn. issues list of certified chemical facilities by states.	Dec. 6	14
Russia's five-year chemical plan compared to U. S.'s four year plan (charts).	Oct. 25	20
Ten materials and their expansion goals.	Sept. 13	13
Delayed River dredging would make highly industrialized area more productive.	July 19	52
Deodorants:		
Chlorophyll oil fresheners.	Sept. 13	51
Chlorophyllin deodorants tested with osmometer.	Aug. 30	40
With chlorophyll.	Dec. 13	57
Detergents:		
Aluminum cleaner.	Aug. 2	53
Anro Products puts out a new hand dishwaser.	July 12	44
Continental Oil buys Stepan Chemical's Chicago detergent plant.	July 19	14
Druidia recent addition to the Cowles Chemical Co.	Nov. 15	68

Monsanto Chemical purchases Detergents, Inc.	Sept. 20	61
National Renderers Assn. discusses decline in soap production, rise in detergent sales	Dec. 13	62
Nuclear Instrument and Chemical Co. employs Geiger counter to measure residual dirt	Oct. 25	65
Nylon stocking rime	Sept. 13	51
Oil & Chemical Products Co. makes detergent extender from benzol refining	Nov. 22	54
Photo report, Joseph Gordon. Synthetic detergent soap bar	Aug. 9	39
Venezuela expanding production of soap and detergents	Dec. 27	10
Venezuela producing synthetic detergents	Oct. 18	22
Dewey & Almy Chemical Co. chooses West Coast sales representative	Dec. 6	48
Diammonium phosphate in wool dyeing sought by Victor Chemical, dedicated to the industry	Dec. 13	73
2,4 dichlorophenoxy acetic acid inhibits plant growth	Nov. 15	40
diisobutyl phthalate	Aug. 9	30
Diquatamino ammonium salts derived from dichlorohexane derivatives as insecticides	July 5	41
Distribution Research program on plant efficiencies in fractional distillation towers	July 26	36
Distribution:		
Sage Laboratories designs chemical line for supermarkets	Nov. 8	46
You decide: competitors or partners W. C. Caswell—report	Nov. 1	20
Dodge & Olcott purchased by Fritz-sche Bros.	Sept. 13	18
Doehler-Milis Corp. now controlled by National Lead	Dec. 27	12
Dow Chemical purchases plant owned by Stagel Chemical	Dec. 6	14
Drilling barge, electric, for Shell Petroleum	Nov. 15	55
Drugs:		
Abbott Laboratories opens warehouse in Los Angeles	Oct. 25	41
Brazil not importing drugs; Americans constructing plants instead	Nov. 1	50
Cellulosic reducing aids make fat profits	Sept. 27	82
Dewey asks "safeguards" to ensure proper relationships among doctors and drug stores	Dec. 27	18
Dolcin decision	Dec. 27	42
Drug industry's growth based on trade	Oct. 4	61
Drug Show	Oct. 4	61
How research is changing the hypertension drug picture	Dec. 27	22
Hydiazine is the source of isoniazid, the new TB drug	Oct. 4	40
New enzyme valuable for treatment of burns called collagenase	Oct. 25	36
Nordic Biochemicals produces a new version of insulin	Nov. 22	44
Pfizer, Chas. & Co. new warehouse in Atlanta, Ga.	Nov. 1	46
Phosphorylated hesperidin used for anti-fertility experiments	Oct. 25	29
Rhodes Pharmaceutical Co. banned from certain ads about product Imdrin	Dec. 27	18
Sulfa drug introduced by Ciba Laboratories	Nov. 29	50
Drugs—Antibiotics, Names of drugs, Pharmaceuticals		
Drumkometer—sulfuric acid used in its making		
Du Pont celebrates its 150th anniversary and publishes book	July 19	12
To construct plant South Beaumont, Tex.	Dec. 8	14
Du Pont and Imperial Chemical Industries to end their joint ownership of Canadian Industries	Oct. 11	13
Du Pont, Laminoid dies	Aug. 2	14
Dust collection described by Booklet	Dec. 13	46
Dyes:		
Aerosol Products Corp. manufactures Pronto Dye foam for carpets	Nov. 22	52
Citrus peels for new azo dyes	Dec. 2	36
Common salt can be substituted for Glieber's salt in acid-dyeing of wool	Nov. 22	44
Hair tinting compound in polyethylene bottle	Aug. 16	31
Package dyeing of new synthetic yarn tested by research	July 5	42
Pressure fabric dyeing machine	Aug. 16	37
Dyne:		
Dyne distributes demonstration kits to blanket buyers	Oct. 25	49
Dyne Mat for filters, lining, cushioning	Nov. 22	75
Filter cloths in vacuum presses	Dec. 6	52
Union Carbide plans spinning plant	July 26	20

E

Eagle Chemical Co. opens new plant in Mobile	Oct. 11	59
Sold by Noma Electric	Sept. 13	18
Eagle Fisher purchasing stock of Ohio rubber	July 5	16
Eastman Kodak completing new plant	Nov. 15	52
East-West communication for firms	Sept. 20	16

Editorials:

Nature's magic ingredient	Aug. 16	2
Will you let them get away with it?	Nov. 8	2
Electric heating unit for electroplating bath	Nov. 15	55
Electrode, phosphor bronze	Dec. 27	32
Electromagnetic device fuses a lump of metal in mid-air	Nov. 8	36
Electronic instrument for level measurement	Sept. 27	60
Electronic sterilization of foodstuffs need research	July 26	33
Electrolytic bath	Aug. 16	38
Emulsions—Helen Wassell an expert	Dec. 27	40
Enamel removed from sinks with caustic salts solution	Dec. 13	57
Synthetic enamel to decorate polyethylene	Oct. 18	52
Engineers' Council for Professional Development to intensify program	Dec. 13	26
Engines studied by Ethyl Corp. for the factors causing combustion deposits	Nov. 22	42
Enzyme preparation by Pabst Laboratories	July 19	39
Equipment supply not as tight	Nov. 1	35
Ethanol production in the U.S.	Nov. 15	61
Ethyl benzene plant at Port Arthur, Tex. to go into operation	Dec. 6	14
o-ethylbenzene in pilot plant stage	July 19	41
o-ethylbenzene in pilot plant stage	Oct. 11	67
Ethylene glycol tariff desired by two Canadian firms	Dec. 6	59
Ethylene oxide—Allied Chemical & Dye's Nitrogen Div. to start plant in Texas	Nov. 15	17
European Cooperation Administration Min. Sec. Sees Agreements assisted European chemical expansion	July 12	16
European technical team visits American chemical equipment makers and issues report	Sept. 27	14
Explosions—Carbide & Carbon Chemicals face suit	Aug. 16	14
Explosives:		
Alaska and Hawaii delegates fight to relax limitations on dynamite imports	Aug. 16	43
Baggett Transportation Co. applies for permission to carry explosives	Dec. 6	48
Canadian Industries begins production at Calgary	July 26	20
East Germany to increase production at Schoenebeck plant	Sept. 13	20
Failure to include warning on label certified by court	Aug. 23	16
Japan to finance munitions plants	Oct. 18	22
Exports:		
Alkali industry pushing exports	Sept. 20	48
As others see us in India, Brazil, Japan, South Africa, England, Italy	Sept. 27	65
Export privileges denied to three individuals and seven companies for export to India	Oct. 18	28
Exports falling off	Nov. 8	14
German chemical exports increasing	Oct. 4	26
Germany must ship to Israel chemicals as war reparations	Nov. 22	32
Guide to export market for chemicals and chemical machinery	Oct. 25	39
Industrial chemical shipments above average	Aug. 9	30
Per cent increases duty on imported soaps and detergents	Aug. 16	31
Poland will export products in exchange with Brazil	Dec. 6	13
Two companies export copper sulfate to France without proper clearance	Nov. 22	32
Two companies that shipped aluminum oxide to Hungary will be out of export business a while	July 19	12
United Global Corp.'s license privileges denied	Dec. 6	24

Ferro Corp.:

Osaka, Japan, plant sanctified by Shinto priests	July 12	36
Seiles claim for patent	July 12	14
Fertilizers:		
Allied Chemical & Dye to start construction of fertilizer plant	Oct. 25	18
Best Fertilizer Co. sued for overcharging	Aug. 23	16
Calcium ammonium nitrate fertilizer shipping restrictions for safety	Nov. 22	48
Cooperative Grange League Federation Exchange to build plant in Big Flats, N. Y.	Dec. 20	61
Deere & Co. buys Oklahoma land for plant	Aug. 2	15
Egypt considers fertilizer plant	July 5	19
Federal Chemical Co. to erect fertilizer plant	July 12	42
Florida farmers are good consumers	Aug. 16	31
Grumman's fertilizer plant tested by Standard Fertilizer & Chemical	July 26	44
How the fertilizer plants are taxed	Nov. 29	33
Japan increasing fertilizer production	Dec. 27	10
Japan setting production target	Sept. 20	25
New grade of fertilizer approved for Virginia	July 12	44
Nitrogen, phosphate and potash growth meets a growing need	Dec. 20	54
Office of Price Stabilization sends out investigation	Dec. 20	68
RFC turns down loan to National Farmers Union Service Corp.	Oct. 25	17
Santomer I used in fertilizers speeds up curing of fertilizers	Nov. 22	50
Soluble plant food concentrated are getting plenty of attention	July 19	44
Vigoro in liquid form	Dec. 13	57
Fertilizer & Chemicals Ltd. of Haifa trying Canadian market	Aug. 9	24
Fiber Can and Tube Association told that they fail to inform the public of their products	Dec. 20	6
Filling drums automatically	Nov. 15	56
Films, thin, analyzed by Research & Control Instruments	Oct. 25	34
Filters:		
Dyna filter cells in vacuum presses	Dec. 6	52
Germany to show porous plates in Chemical Exposition	Aug. 23	47
Solka Floe serves as an alternate to scarce diatomaceous earth	July 12	34
Transmission type interference filters	Dec. 20	38
Filtril Corp. to merge into the Filtril Corp.	Dec. 13	16
Financial:		
Allied Chemical & Dye Corp. secures a loan	Sept. 6	13
Aluminum Ltd. to split the common stock two for one	Oct. 11	16
American Metallic Chemicals offers stock	Sept. 13	16
American Potash & Chemical Corp. completes sale of preferred stock	Dec. 20	18
South Soule suggests for chemical products blend securities to cut costs, reduce risks	Dec. 20	20
Blackson Chemical Co.'s first offering of stock	Aug. 2	16
Bullish vistas beckon on chemical company stocks	Sept. 20	30
Capital expenditures by industry	Sept. 27	13
Capital expenditures 1951, 1952, 1953	Nov. 8	14
Chemical companies compete for awards best financing report	Aug. 23	21
Chemical companies selected as best bets on the stock market	July 19	20
Chemical company earnings 1951 and six months of 1952 (table)	Aug. 30	11
Chemical company private borrowings 1951 (chart)	Aug. 30	16
Columbian Carbon to repay loans	Aug. 23	15
Davison Chemical Corp. borrows for expansion	Dec. 27	12
Davison Chemical Corp. offers common stock	Nov. 29	18
Diamond Alkali vice-president presents his views on the stumbling blocks to plant expansion	Oct. 11	21
Dixie Paint & Varnish Co. receives loan from RFC	Dec. 27	42
Do you stack up as a growth company?	Dec. 20	24
Down Chemical's convertible debenture issue	July 26	16
Eagle-Picher borrows from insurance companies	Oct. 4	16
Eagle-Picher purchasing stock of Ohio Rubber	July 5	16
Estimated investment in petrochemicals in 1951 and 1952	July 26	19
Falconbridge Nickel finances expansion program	Dec. 27	12
Filtrol Corp. to sell common stock	Dec. 20	18
Food & Mineral to issue debentures	Sept. 20	17
Frontier Refining Co. to sell debentures	Nov. 1	14
Goodrich, B. F. places notes due in 25 years	Aug. 30	12
Goodyear Tire & Rubber negotiates credit	Oct. 4	16
Grace, W. R. Co. negotiates loan	Nov. 8	28
Grace, W. R. Co. to increase rights of common stock	Sept. 13	16
Grace, W. R. Co. to increase rights of common stock	Nov. 22	16

Gulf Sulphur to sell stock.....	Sept. 20	17		
Hood Electrochemical Co. changes credit fund.....	Dec. 20	18		
Hudson Pulp & Paper sells notes.....	Oct. 4	16		
ICI of Australia and New Zealand wants new stock offer.....	Aug. 23	22		
Intermountain Chemical Corp. becomes partner of Food Machinery & Chemical Nat'l. Distillers Corp. International Minerals to sell debentures.....	Nov. 29	18	Oct. 11	16
Jefferson Lake Sulphur told obliged to pay federal taxes on stock issued during merger.....	Nov. 8	26		
Kaiser Aluminum & Chemical realizes credit it received last year.....	Oct. 25	16		
Kaiser Aluminum & Chemical Corp. sells bonds.....	July 26	19		
Kaiser Aluminum & Chemical Corp. gives picture of financial operations at A. M. A. meeting.....	Dec. 27	12		
Monsanto Chemical Co. wins the "oscar" for best annual report of all industry.....	Nov. 1	14		
National Science Foundation reports on non-profit institutions.....	Nov. 15	17		
National Starch Products borrows loan.....	Sept. 13	20		
Newport Industries sets up credit to finance expansion.....	Nov. 22	16		
Nine-month sales of 22 companies Noranda Mines arranges new financing.....	Nov. 8	13		
Pan American Sulphur reported to receive loan to finance Mexican facilities.....	Dec. 27	12		
Phillips Petroleum arranges loan.....	Oct. 11	16		
Porter, H. K. Co. places promissory notes.....	Sept. 27	14		
Price earnings ratio of common stocks in chemical, oil, non-ferrous metals and minerals, steel.....	Dec. 27	12		
Redwater Utilities Holdings Oil & Gas will sell common stock.....	Oct. 11	22		
Reichold Chemicals, Ltd. sells stock.....	Nov. 15	18		
Reynolds Metals to borrow to finance expansion.....	Aug. 23	22		
Sieberling Rubber increases stock shares.....	Oct. 4	16		
Sieberling Rubber places common stock on the market.....	Dec. 27	12		
Sharp & Dolman takes a big bank loan.....	Oct. 18	18		
Sinclair Oil considers conversion feature for debentures.....	Oct. 18	18	Nov. 1	13
Skelly Oil will ask to increase common stock.....	Nov. 8	26	Dec. 12	
Smith Douglass Co. sells stock for plant expansion.....	Oct. 25	17		
Socoma Vacuum floating issue.....	Oct. 11	16		
Standard Oil of Indiana may sell debentures.....	Aug. 30	12		
Survey of 26 companies on corporate liquidity.....	Oct. 4	13		
Tenneco Products & Chemical places loan.....	Sept. 27	14		
Thurston Chemical will sell preferred stock.....	Nov. 8	26	Nov. 15	18
"Tombstone" financial advertisements for the chemical process industries to stop.....	Oct. 11	13		
Trends in oil stock holdings in chemicals and drugs industry.....	Aug. 16	17		
Union Oil floating a debenture issue.....	Oct. 11	16		
United Clay Mines has new owners.....	Oct. 25	18		
United Dye & Chemical's officials accused of appropriating funds.....	Dec. 6	22		
United Dye and Chemical to increase stock.....	July 19	16	Sept. 20	17
Virginia Carolina borrows from insurance company.....	July 19	16		
Warren Hudnut arranges loan.....	July 5	16		
Wilson Organic Chemicals is selling stock.....	Oct. 11	16		
Fire fighting technique at Socoma-Vacuum's Paulsboro refinery.....	Dec. 6	50		
Fire foam called Pyrene's Alcohol Resistant Foam.....	Nov. 1	45		
Fire truck to protect Lubrizol Corp. Fish tank to be destroyed to be destroyed by copper sulfate.....	July 12	14		
Flash point determined in 2½ minutes by new instrument.....	Dec. 13	54		
Floor covering of vinyl.....	Nov. 29	52		
Flowmeter will weight products.....	Oct. 25	61		
Fluorine:				
Chelatis, Wash., permitted to add fluoride to drinking water.....	Nov. 29	20		
Delaney Report warns against return to fluorides.....	July 26	26		
National Inst. of Municipal Law Officers reviews water fluoridation.....	Nov. 15	16		
New York State water fluoridation test so far is favorable.....	Aug. 23	13		
Photometric test for fluorides.....	Sept. 27	56		
U. S. Public Health Service to continue to advocate fluoridation.....	Aug. 16	11		
Fluorocarbons as synthetic rubber.....	Oct. 11	31		
Fluorisilicates, organic, developed by Davison Chemical Corp.....	Oct. 4	32		
Fluorospot:				
Acid fluorospot consumers increasing rapidly.....	Nov. 1	53		
St. Lawrence Corp. Ltd. to construct plant in Newfoundland and at Wilmington, Del.....	Aug. 23	14		
Food Chemicals:				
Congressman Horan objects to Delaney Report.....	July 19	11		
Delaney Report's report on chemical additives.....	July 12	11		
Food & Drug Administration:				
Debate over the powers of inspection.....	Dec. 27	9		
Supreme Court limits inspection of plants, law changes under consideration.....	Dec. 20	15		
Warns that inspection of finished products not adequate.....	Dec. 6	24		
Food Protection:				
Production rising, also demands for St. Maurice Chemical's plant at Varennes, Que.....	Sept. 20	18		
France to receive chemicals through Mutual Aid Funds.....	Nov. 29	59		
Freight cars—More modern cars.....	July 19	51		
Freight Rates:				
Truckers receive bigger mileage allowance.....	July 5	45		
Truckers want to put surcharge on small shipments.....	Aug. 16	40		
Fuel:				
Hydrazine as a source of rocket fuel.....	Oct. 4	40		
National Petroleum Council and Chapman of the Interior squabble about synthetic fuels.....	Aug. 16	11		
Quatermaine Corps., doing research on portable heat.....	Aug. 16	24		
Synthetic fuel plants 1950 production and forecasts for 1955 and 1975.....	July 5	26		
Synthetic fuel production.....	July 5	29		
Trioxane produced by Celanese Corp. at Bishop, Tex.....	Aug. 2	49		
Trioxane, the solid fuel used for heating held ratios.....	July 26	61		
Fumigation ships with hydrogen cyanide.....	Aug. 2	22		
Fumigation plant for Wilmington, N. C., to treat cotton.....	Nov. 22	54		
Fumigation ships with hydrogen cyanide.....	Nov. 29	75		
Fungicides:				
Copper-based organic fungicides.....	Nov. 29	75		
Enamel incorporates a fungicide.....	July 26	46		
40% acetic acid lab-developed for apple growers.....	Sept. 27	87		
Furfurylamine samples available from Commercial Solvents Corp.....	Dec. 13	36		
G				
Galyanizing, cold.....	July 19	30		
Gamma ray generator is the Navy's newest weapon.....	Oct. 18	36		
Gasket of fiber.....	July 12	44		
Gasoline—Vanadium oxide helps upgrade gasoline stocks by removing undesirable sulfur.....	Sept. 27	56		
Geigy & Co. wins suit on chemical dust brought by tobacco farmer.....	Dec. 13	17		
General Photo & Film Corp. legal tangle to be settled.....	Nov. 1	11		
Georgia Paint Co. acquired by Godfrey L. Cabot.....	Sept. 13	18		
Germany:				
Trends in East Germany's chemical industry.....	Dec. 13	23		
West Germany's chemical workers won't determine.....	Aug. 16	12		
Germanes:				
Flint, Eaton & Co. searching for new gemicides.....	Oct. 18	40		
Trichloromelamine for rinsing army mess kits.....	July 19	47		
Gilosite, Utal Gilosite Co. purchased by G. S. Ziegler.....	July 26	46		
Glass Fibers:				
American Fib. Glass Co. plans construction of glass fiber plant.....	Dec. 20	16		
Libby-Owens-Ford acquires new property to further business.....	Nov. 15	18		
Pittsburgh Plate Glass producing glass fiber.....	Oct. 18	21		
Globaline—to purify water in Korea.....	July 26	54		
Glue:				
Cold rendering for extracting oils and fats from bones.....	Nov. 8	60		
Northrop Aircraft-developed adhesive.....	Sept. 22	54		
Reichold Chemicals and American Marietta Chemical suit for glue patent.....	Sept. 13	18		
Glycerine:				
Celanese synth. to substitute for glycerine.....	Aug. 30	38		
Glyceryl ether ester Assn. establishes awards for research.....	Aug. 2	63		
Japan to allow imports.....	Oct. 18	22		
Market for glycerine and sorbitols.....	July 26	51		
Glycolonitrile put out by Rohm and Haas.....	Oct. 4	59		
Glycols:				
Allied Chemical & Dy's Nitrogen Div. to start plant in Texas.....	Nov. 15	17		
Four glycol ethers from Ansol Chemical Co.....	Dec. 20	38		
Whither ethylene glucol?.....	Oct. 11	67		
Gold and cadmium alloy bent when cold returns to original shape.....	Nov. 8	40		
Goodrich, B. F. Chemical Co. establishes sales office in Philadelphia.....	Sept. 27	70		
Grace Chemical Co. obtains Delaware charter.....	Oct. 18	18		
Grace, W. R. & Co. and Davison Chemical Co. combine for chemical manufacturing.....	Nov. 29	57		
Grandi Chemicals moving into warehouse at Albany.....	Sept. 13	46		
Great Britain—Has Colombo Plan to help development of Asia.....	Dec. 20	17		
Gulf Chemical Products Co. organized.....	July 26	44		
H				
Hair tonic—Sulfur 8 Chemical's advertising soft-pedaled.....	Sept. 20	23		
Hair tonic manufacturer accused by FTC of misleading representation.....	Sept. 27	24		
Harvey Machine Co. absorbed by Anaconda Aluminum.....	Oct. 18	18		
Heat exchanger, tubular-expansion.....	Oct. 25	54		
Heater for use in industrial ovens.....	Oct. 11	46		
Heogenin extracted from sial juice.....	Sept. 27	60		
Helium liquefier bought by Japanese university for research.....	Aug. 9	36		
Herbicides:				
Canadian National Railways battles weeds.....	July 26	43		
Ethyl Corp. discover new plant growth inhibitor.....	Nov. 15	40		
German weed preparation.....	July 26	43		
2,4-D modified, found to improve growth of certain tomato plants.....	Oct. 4	48		
2-methyl-4-chlorophenoxyacetic acid to be produced by Monsanto.....	Dec. 13	57		
Sodium arsenite and petroleum oils to control mesquite.....	Dec. 13	54		
Sodium chlorate production to increase.....	Dec. 6	57		
Texas cotton crops along one highway accidentally receive dose of weed killer.....	July 12	42		
Weyerhaeuser Timber Co. cuts down brush with airborne herbicides.....	Nov. 1	44		
Heterocyclic sulfonamides—American Cyanamid patents a new class.....	July 12	50		
High-pressure equipment to be shown Germany in Chemical Exposition.....	Aug. 23	47		
Histamine Abbott Laboratories produces 2,4-dinitrophenyl histamine.....	July 12	50		
Hog belt social.....	Aug. 9	26		
Holland magazine gives free trade notices to importers and exporters.....	Aug. 9	30		
Hood Chemical Co. to construct plant in Charlotte, N. C.....	Sept. 13	46		
Hoover Electrochemical opens Chicago office.....	Oct. 4	14		
To locate shop in Canada.....	Sept. 13	46		
Hormones:				
Ciba Pharmaceutical Products wins judgment in patent suit with Chemical Specialties.....	July 26	16		
Electrochemical Synthesis of horseradish Peroxidase.....	Aug. 30	37		
Galat Chemical Corp. develops new synthesis for plant hormone.....	Sept. 13	39		
Research campaign to develop synthetic procedures for hormones.....	July 12	47		
Yale Pharmaceutical Co.'s sex hormone declared misbranded.....	Aug. 9	42		
Hotels—Supplying the nation's hosts.....	Oct. 11	57		
Humectant from wood.....	July 12	47		
Human Cabinet.....	Dec. 25	34		
Humidity chambers.....	Oct. 25	54		
Hydrazine:				
As a source of rocket fuel.....	Oct. 4	40		
Fairmont Chemical puts out new unit at Newark plant.....	Nov. 15	17		
From ammonia by the use of a high-frequency current.....	Sept. 27	55		
Hydrides—University of Munich research to prepare a series of new hydrides.....	July 26	36		
Hydrocarbon Chemicals, Inc. acquires Cornell Chemicals, Inc.....	Nov. 1	13		
Hydrocarbons—Aromatic hydrocarbons—predicted requirements for 1955, 1960, 1975.....	July 5	30		
Hydroelectric power shortage in Pacific Northwest.....	Nov. 1	11		
Price's Materials Policy Commission surveys sources of energy.....	Aug. 16	34		
Hydrogen—Winning hydrogen from natural gas in the synthesis of ammonia.....	Aug. 30	28		
Hydrogen cyanide for fumigation of ships.....	Nov. 22	54		
Hydrogen peroxide—Buffalo Electro-Chemical Co. starts new plant in p-hydroxybenzoic acid now an adjunct to antibiotic therapy.....	Dec. 6	14		
Hyperension drug picture.....	July 26	33		
Ice cream imitations in which vegetable oils replace butterfat.....	Dec. 27	22		
Ice tubes to keep food refrigerated.....	Aug. 16	29		

Biotycin is a new antibiotic..... July 5 38
 Imperial Chemical Industries increases production..... July 5 20
 Now Britain's largest single source of foreign exchange..... July 19 16
 Sales development retarded by high tariffs..... Aug. 23 60
 Imperial Chemical Industries and Du Pont must end their joint ownership of Canadian Industries..... Oct. 11 13
Imports:
 Trade shows decline..... Aug. 9 30
 Principal U. S. imports, chemicals and related products..... Oct. 25 62
 Suggestion: import quotas, Richard Kithul..... Sept. 13 2
 Incentive plan wins at Standard Oil of N. J. Nov. 29 20
 Indiana Ordnance Works to open soon..... Aug. 2 15
 Indiana to make a new process by Consolidated Mining & Smelting Co. Nov. 15 52
 Indo-China to receive chemicals through Mutual Air funds..... July 29 59
 Infrared analyzer..... Dec. 27 32
 Infra-red spectrophotometry valuable in bacteriology..... Sept. 27 55
Ink:
 Dutch develop a new fountain pen ink..... Aug. 23 42
 Scripto buys rights to Paper-Mate ball point pen ink formula..... Oct. 25 67
 Innis, Speiden & Co. bought by Berkshire Chemicals from International Minerals & Chemical..... Oct. 25 18; Nov. 1 49
Insecticides:
 Adhesives for insecticides are getting into major distribution..... July 12 41
 Benzo Products increases allethrin capacity eight fold in two years..... July 5 64
 Bollworm killers..... Sept. 6 67
 Bollworm study..... Aug. 23 44
 Brazil may have insecticide plant..... July 26 20
 Brazilian plant to supply Italy with DDT and other insecticides..... Nov. 1 16
 California bans two chemical pesticides..... July 26 44
 California battles mosquitoes, the cause of the sleeping sickness..... Aug. 9 41; Aug. 30 34
 California Spray-Chemical Co. to build plant in Pine Bluff, Ark. Oct. 18 52
 Canadian regulations..... July 12 44
 Chemical Engineers Co. and Kain-Jax Chemical Co. to make insecticides in Baton Rouge..... Dec. 20 61
 Chem-Dent Products to manufacture..... Aug. 16 31
 Dallas-Fort Worth spray blown by wind..... Aug. 9 25
 Diquatary ammonium salts derived from dichlorohexane derivative..... July 5 41
 DuPont's EPX insecticide to be sold as dust..... July 26 46
 Eastman Kodak patents a propellant insecticide..... Dec. 6 44
 Elco Products Inc. to manufacture insecticides..... Sept. 20 61
 Fumigating strip of lindane-impregnated paper..... Aug. 30 34
 Germany wages war against locusts..... Aug. 9 42
 Lindane—chlorinated polynaphyl mixture..... Oct. 25 67
 Lindane to be produced by Ethyl Corp. July 5 56
 New analytical method for insecticide residues..... July 26 31
 North Carolina physician charges that some of the insecticides are dangerous to health..... Sept. 20 59
 Peach saver..... July 26 43
 Radioactive DDT studies an insecticide against mosquitoes..... Aug. 23 38
 Smoke bombs for insecticides..... Sept. 13 50
 Styrofoam-type insect repellent..... Aug. 31 34
 Temington Products Corp. ads toned down..... Dec. 6 24
Institutions:
 DOG not needed..... July 5 67
 Production expansion..... Dec. 13 34
 Sales of laboratory apparatus..... Sept. 13 39
 Insulin—British insulin combine called benevolent monopoly..... Nov. 22 30
 International Labor Organization meets in Switzerland..... Sept. 6 16
 International Organization for Standardization—disagreement on standards at meeting..... July 19 19
 Inventory taken by air for TVA..... Oct. 25 51
 Ion-exchange resin beads..... Oct. 11 34
 Ion-exchange—utilization of ion exchange resins as a water purifier..... July 26 41
 Ipatieff, Vladimir N. memory honored by establishment of professorship..... Dec. 20 38
 Iron alloys produced at Tenneco & Clark's electric furnace plant..... Dec. 13 16
 Iron complex of ethylenimine, tetra-acetic acid help nutritional of citrus trees..... Nov. 1 29
 Iron powder speeds ignition of non-magnetic samples for metal analysis..... Nov. 15 40
 Isonicotinic acid hydrazide improved the mental and physical condition of TB mental cases..... Sept. 13 39
 Isonicotinic hydrazide—Peru importing duty-free..... Sept. 20 24

Iophthalic acid..... Aug. 16 59
Isotopes:
 Battelle Memorial Institute receives radioactive cobalt 60 for research..... Nov. 8 38
 Isotopes tritium incorporated into crystalline stilbene which gives fluorescent light..... Oct. 18 43
 G. E. Knolls Atomic Power Lab stocked with pounds of cobalt 60..... Nov. 1 31
 West German symposium on radioactive isotopes..... Nov. 22 40
Israel:
 Canadian dollars in Israel Aug. 9 24
 Imperial Chemical Industries interested in the chemical industry to come..... Sept. 13 22
J
Japan:
 Mitsubishi Chemical to receive technical assistance from Monsanto..... Oct. 4 24
 Reduces imports of phosphate rock..... Aug. 9 24
 U. S. working to break up Mitsubishi interest..... Sept. 27 70
 Jefferson Lake Sulphur Co. not to be paid judgment by Louisiana..... July 12 14
 Jet-Vac Corp. organized..... Dec. 13 48
K
King Chemical Co. buys building in St. Louis..... Aug. 30 34
Krytar Corp. bankruptcy proceedings winding up..... Nov. 15 18
L
Labeling:
 Labels—"delayed tack" case in court..... July 5 15
 Label regulations to be revised by Federal Security Agency..... Oct. 4 59
 Standardizing the labeling of dangerous materials..... Sept. 20 52
 Standards for labeling considered in various states..... Aug. 2 44
Labor:
 Acme Quality Paints signs wage contract..... Oct. 11 15
 Adamas Carbide mine workers gain increase..... Nov. 15 21
 Adelphi Paint & Color Works grants wage increase..... Nov. 29 24
 AEC labor relations at the Paducah and the Savannah River plants..... Oct. 18 16; Nov. 24 26; Dec. 6 22
 AEC Oak Ridge workers reject contract..... Dec. 6 20
 AFL and CIO chemical unions do not want to merge..... Nov. 22 24
 Allied Chemical & Dyke back in production again..... Oct. 18 18
 Allis-Chalmers, Solvay Process and Barrett sign wage contract..... Oct. 11 15
 Aluminum Co. of America to sign five-year peace pact..... July 26 23
 American Enka Corp. signs new wage contracts..... Nov. 29 24
 American Plastics signs new contract..... Dec. 27 16
 Armonia Fertilizer Works, Birmingham, Ala. to have wage boost..... Nov. 29 24
 Atlas Powder lab men rejet union..... July 5 16
 Bare Paper Co.'s contract with union has ghostly clause..... July 19 19
 Baugh Chemical Co. workers change unions..... July 26 26
 Beaumont, Tex. truck drivers reclassified..... Sept. 20 26
 Boyce-Garway wage contract..... Aug. 30 12
 Buckleham & Co. unionists and company officers meet at dinner for bosses..... Dec. 27 16
 Canadian companies hold elections..... Nov. 29 26
 Canadian paper works in line for wage rise..... Nov. 29 26
 Carbide & Carbon signs pact..... Sept. 13 26
 Celanese Corp. gives wage increases..... Oct. 18 18
 Chem-Dent raising again—the trend in factory manpower..... Oct. 25 22
 Chemical process industries shines as productivity paragon (chart)..... Dec. 27 14
 Chemical union to discuss strike fund..... Aug. 23 17
 Chemical unions branching out..... Sept. 20 14
 Chemical wage rates will be figured on a lower yardstick by the Bureau of Statistics..... Dec. 27 9
 Chemical workers exhorted to campaign for candidates friendly to labor..... Aug. 23 15
 Chemical workers wages and hours..... Sept. 20 24
 CIO convention elects W. P. Reuther as president..... Dec. 13 15
 CIO Oil Workers have election..... Dec. 6 22
 Colgate-Palmolive-Peet's Berkeley plant has strike..... July 9 11
 Columbia-Southern Chemical Corp. Barberston, Ohio, kept open by no-strike order..... July 12 11; July 26 16

Columbia-Southern Chemical, National W. Va. signs wage contract..... July 26 23
 Columbia-Southern, Lake Charles, La., signs new contract..... Dec. 27 16
 Columbia-Southern's strike in Corpus Christi settled..... Sept. 27 15; Nov. 22 23
 Conventions in New York City..... Sept. 13 24
 Davison Chemical Corp. keeps grievances down with plant committee..... Oct. 18 17
 Detroit glassworkers on strike..... Dec. 27 16
 Dewey & Almy's lockout, N. Y. workers receive increases..... Sept. 20 28
 Dow Chemical's labor contracts..... Nov. 15 22
 Draft data..... Nov. 15 21
 Drop in average weekly earnings..... Oct. 25 22
 Du Pont Cel-O-Seal & Sponge workers have deadlock..... Oct. 18 18
 Du Pont experimenting with free dom from time clocks..... Nov. 15 22
 Du Pont's Neoprene Union is "company-dominated"..... Sept. 27 15; Oct. 18 18; Oct. 25 22
 Du Pont's plant, Buffalo, to have election..... Dec. 13 26
 DuPont River Road employees disband old and form new local..... Nov. 1 16
 Electro Metallurgical Div. strike.... July 19 20
 Electro Metallurgical signs contract..... Aug. 30 12
 Electro Refractories have friendly strike..... Aug. 23 14; Aug. 30 12
 Employment rising..... Nov. 29 26
 Fiberglass Co. signs contract with union..... Dec. 6 20
 Firestone Rubber labor contract retarded..... Nov. 1 16; Nov. 15 21
 Firestone, Taft & Rubicon at Lake Charles has strike violence..... Sept. 27 16
 Firestone workers at Hamilton, Ont. return to work..... Oct. 11 15; Dec. 6 20
 Gas-Coke dislikes Taft Hartley law..... Nov. 15 21
 Gas-Coke members settle strike in Detroit..... Oct. 1 22
 Gas-Coke union wins several victories Oct. 11 16
 Gas-Coke unionists dealing with NLRB..... Nov. 8 23
 Geico Co. at Fresno rapped by NLRB..... July 5 16
 General Aniline Works pickets, Rensselaer, N. Y., arrested on charge of blocking coal cars..... Nov. 1 16
 General Aniline & Film strike at Rensselaer, N. Y., Aug. 30 12; Sept. 20 28; Aug. 8 23; Dec. 13 26
 General Aniline & Film strike, Rensselaer, N. Y., finished..... Dec. 20 18
 General Aniline Works, Linden, N. J., signs contract with workers..... Nov. 22 23
 General Dyestuff's N. Y. plant holding elections..... Oct. 18 18
 General Refractories, Olive Hill, Ky., hit by strike..... Aug. 23 14; Dec. 27 18
 General Refractories, W. Va. Oct. 16 16
 Glass workers win raise..... Sept. 27 16
 Glidden Paint signs new contract..... Aug. 30 12
 Goodrich, B. F. Co. accepts workers' demands..... Sept. 20 26
 Goodrich strike continues..... July 26 16; Aug. 30 11
 Goodrich worker at Akron sues firm and union..... July 19 20
 Goodyear Engineering Corp. election settled..... Dec. 6 18
 Hartsville Print & Dye Co. signs labor contract..... Nov. 1 15
 Hercules Powder gives back pay to Radford Arsenal workers..... Nov. 15 21
 Hercules Powder signs new contract, Oct. 18 18
 Hoffman-LaRoche Pharmaceutical boosts wages..... Dec. 20 18
 Holiday conditions that may be granted..... Nov. 22 26
 Richard Hudnut signs new contract..... Aug. 30 12
 Humble Refining plant has strike..... July 26 23
 Hyman, Julius & Co. employee chose their bargaining agent..... Dec. 6 18
 Indiana Ordnance Works dispute over pipe unloading settled..... Oct. 11 15
 International Harvester & Electrode Corp. receives increase..... Dec. 6 20
 Jefferson Island Salt dispute over job-classification..... Dec. 6 20
 Jefferson Island Salt Co. strike still on..... Oct. 25 24; Nov. 1 16; Nov. 29 26
 Johns-Manville adds holidays..... July 19 20
 Johns-Manville, La., signs contract..... Aug. 30 12
 Johns-Manville strike, Calif. settled..... Aug. 23 15; Nov. 22 24
 Johnson & Johnson's Industrial Tape Co. has wage increase..... Nov. 29 26
 Kelly Island Lime & Transport signs contract..... Sept. 20 26
 Labor unions in the chemical industry strive for first place..... Aug. 2 14
 Layoffs in voyage..... Aug. 23 21
 Linde Air Products workers in Birmingham, Ala. receive increase..... Nov. 29 24; Nov. 29 24
 Lion Chemical Co. strike settled..... Sept. 13 26
 Hermann Loewenstein has strike..... Sept. 20 28
 Lone Star Ordnance Plant's bargaining agency decided..... Dec. 20 18
 Mathieson Chemical's Doe Run, Ky. election won by AFL July 26 14; Aug. 30 12
 Mathieson's plant at Middletown, W. Va. may have two more unions..... Sept. 27 15; Nov. 29 26
 Merck & Co. strike weakens..... July 26 23; Aug. 2 14

Michigan Limestone & Chemical signs contract	Aug. 30	12	Trends in labor problems	Oct. 11	15	
Midvale Co. pay raise	July 19	20	Unexcelled Chemical Corp. to argue suit with Justice Dept. on child labor provisions in Walsh Healy Act	Nov. 15	26	
Monsanto's plant at Springfield, Mass. has wage trouble	July 19	19; Sept. 20	Union Asbestos & Rubber plant, Marshall, N. C. organized	Nov. 1	15	
Monsanto's Port Plastic plant, Addyson, Ohio, chose union	Dec. 13	26	United Gas, Coke & Chemical Workers shifting to pragmatism	Sept. 6	13	
Mutual Chemicals sued by employee seeking physical examination failed to show tuberculosis	Dec. 20	18	United Gas, Coke & Chemical Workers urge higher dues	Dec. 13	26	
National Carbon and union got split decision from NLRB	July 19	20	U. S. Rubber Naugatuck plant starts strike but changes mind	July 12	14	
National Distillers Chemical & Gas-Coke union agrees on contract	Sept. 27	16	Upsurge on the fringe benefits in the Chemical Industries (chart)	Nov. 1	15	
National Lead signs new contract	Dec. 27	16	Vacations: staggered or shutdown?	July 5	13	
Naugatuck Chemical, Painesville, Ohio receives wage increases	Oct. 18	18	Virginia Carolina Chemical increases wages	July 19	20	
Nebraska Ordnance Plant workers sign contract	Oct. 11	15	Wages rates vary in the chemical industry	Aug. 23	15	
New head of Federal Mediation & Conciliation Service not yet in contact with chemicals	Oct. 25	24	Wages high in petroleum stills	July 19	13	
New Labor contracts, Aug. 9-24; Aug. 23	14	Wages high in two segments of the chemical industry	Nov. 15	21		
New labor contracts involving wage increases	July 19	20	Wages in chemical processing industries go up	Nov. 15	21	
Nicke Alkali grants bonds	Nov. 8	20	Wages still on up-grade	Dec. 13	26	
Nickel and tungsten miners striking	July 19	16	Wages were added by processing	Dec. 27	14	
North American Cyanamid increases wages	Oct. 11	15	Washington elicts on labor	Oct. 4	20	
Oak Ridge atom plant averts strike	Nov. 22	23	West Germany's chemical workers want codetermination	Aug. 16	12	
Otagon Process Co. has plant election	Nov. 1	15	West Virginia Pulp & Paper employees settle strike	Nov. 1	16	
Oil workers accept settlement	Nov. 29	26	West Virginia Pulp & Paper's labor troubles spread	Sept. 20	26	
Oil Workers International Union signs new contract with unions within the oil and chemicals	Nov. 15	16	Whiteland Pharmacy's new contract covers off-world	Oct. 4	22	
Onondaga Pottery union in court	Nov. 15	22	Wyandotte Chemicals has a strike	Oct. 11	16; Oct. 18	
Paducah atomic energy plant's bargaining agency decided	Dec. 20	18	Wyandotte Chemicals Corp. shuts down coal mine due to too high costs	Dec. 13	26	
Paducah, Ky. labor situation may be investigated	Nov. 1	16	Lacquers:	Aug. 30	34	
Paducah, Ky. union battle	Dec. 27	18	Lacquers for plastics	Sept. 27	55	
Paducah, Ky. unions to hold monthly meetings	Oct. 25	24	Tennessee Eastman puts out new wood lacquer	Sept. 27	55	
Paducah, Ky. unions trying to outdo each other in grandeur of equipment	Dec. 27	16	Law:	High points in the new patent law	Dec. 13	30
Paducah, Ky. workers sue	Aug. 9	25	Smith bill on amendment to Universal Military Training Act opposed by unions	July 12	18	
Pathfinder Chemical Corp. and union make pact	Sept. 20	26	Lazarus Laboratories to be controlled by West Disinfecting Co.	Dec. 6	44	
Pension plan at Archer Daniels-Midland	Nov. 29	24	Leather: leather containing canagae tested by mail-carriers	July 5	42	
Political labor unions representing chemical processing industries	Sept. 27	13	Lecithin, completely saturated	Nov. 29	50	
Port Arthur, Tex. employees get back pay	July 12	14	Level detector for sewage and water	Aug. 2	50	
Prince Matchabelli Co. employees receive increase	Nov. 29	24	Liggett & Myers Tobacco Co. accused by FTC of "false advertising," complaint killed	Dec. 13	18	
Republic Steel, Youngstown, troubled by walkouts	Sept. 27	16	Lignin—Monsanto and Ontario Paper to produce vanillin from lignin	Sept. 13	55	
Reynolds Metals Co. and union settle	Sept. 27	16	Lilly & Co. and Schwegmann Bros. trust is postponed	Dec. 6	44	
Rubber companies sign new contracts	Sept. 27	16	Lindane:	Ethyl Corp. to produce insecticide lindane	July 5	56
Rubber workers want wage increases	July 19	24	Fumigating strips of impregnated paper	Aug. 30	34	
Rufert Chemical & Seymour Mfg. plant workers return to work	Oct. 25	24	Liquid handling by gravity	Nov. 15	46	
Rushmore Paper workers accept new wages	Oct. 11	15	Liquid and particle analysis by Martin and Syage wins Nobel prize	Nov. 15	17	
St. Regis Paper Co., N. Y. employees may have increase	Nov. 29	26	Lithium: Production and developments of lithium in U. S. 1947-1953	Nov. 8	57	
St. Regis Paper Co., Trenton, N. J. union victory	Nov. 1	15	Longhorn Ordnance Works—technical consultant for reactivation of plant to be Thiosol Corp.	Nov. 1	14	
Sharp & Dohme employees sign contract	Dec. 6	18	Lubricants:	Cattle catch disease from licking machinery on farms	Aug. 23	19
Sharples Chemicals and union struggle	July 26	25	Copper phthalocyanine is the galling agent for heat-resistant lubricant	July 5	37	
Shell's chemical plants on strike	July 26	15	Fiber lubricant	July 12	42	
Smith bill on amendment to Universal Military Training Act opposed by unions	July 12	18	Silicone based lubricant	Aug. 30	34	
Solvay contract okayed	July 12	14	Lux Foam Rubber Co. to return to production as Foam Rubber Co.	Nov. 8	46	
Southern Alkali's strike ended	Dec. 20	18	Magnacyclic evaluation	Nov. 1	33	
Spibb, Inc. & Sons employees receive increase	Nov. 29	24	Magnacyclic means of controlling the underwater corrosion of ocean-going ship bottom	Oct. 8	49	
Squibb's New Brunswick plant to determine bargaining agent	Sept. 27	15	Malaya imports restricted	Oct. 4	24	
Standard Oil (Ind.) announces employee benefit plans	Aug. 30	12	Maleic anhydride plant to be constructed by National Aniline Div.	Nov. 29	20	
Stauffer Chemical grants wage increases	Oct. 11	15	Mallinckrodt Chemical Works purchases tract in St. Louis	Dec. 13	16	
Steel strike in eighth week	July 26	13	Management:	Executive activities	Nov. 22	15
Stock market sources report that some unions are buying corporate stocks	Dec. 27	16	Hoechst Electrochemical Co. to offer course for training executives	Sept. 6	14	
Strikes in chemical plants	Sept. 13	24	Human side of management symposium	Nov. 29	26	
Strong Cobb & Co.'s strike settled	Sept. 20	26	Ten best managed companies in the U. S. names four chemical companies	Nov. 22	17	
Summer's long lasting strikes	July 20	19	Manganese:	Baileys Copper to supply copper and manganese to DMPA	Nov. 1	14
Sun Chemical agrees on retirement plan	Dec. 20	18	Chemicals Corp. wants to treat manganese with acid leach	Sept. 13	59	
Swift & Co. and union settle phosphate strike	Aug. 23	15; Sept. 20	Chemical Corp. to construct plant at Riverton, Minn.	Aug. 23	14	
Taft-Hartley Act changes expected	Nov. 22	26	Minerals Separation North American Corp. acquires assets of Attapulgus Clay Co.	Nov. 8	30	
Texaco, Arthur, employees threaten to set up picket lines	Dec. 13	24	Mixing and kneading machine, planetary	Dec. 13	16	
Texas labor laws	Dec. 6	22	Model of Vick International in Philippines	Dec. 27	34	
Textile Workers Union & Celanese sign agreement for wage increase	Nov. 29	24	Models of process equipment in Procter & Gamble's laboratory	Sept. 20	44	
Thompson-Haywood Chemical goes to law against picketing by mine workers	Aug. 30	12	Monoglycerides produced at Williamsport, Pa. by Glyco Products	Sept. 20	75	
Tidewater oil refinery, Avon, Calif. approves wages	Aug. 30	12	Sept. 6	16		
Tracerlab keeps employee happy through "Auxiliary Board of Management"	Sept. 27	18				
Training for chemical employees before Int'l. Labor Conference	Nov. 15	17				

Monsanto Chemical acquiring Detergents, Inc. and Eastern Packaging	Sept. 13	18
Gives picture of financial operations at A. M. A. meeting	Nov. 29	19
London company in the U. S. A.	Sept. 13	41
Morphine determined in morphine-codeine mixtures by an ion-exchange separation	Sept. 27	56
Morse King Co. building new plant	Dec. 6	52
Mosquitoes studied off Florida's west coast, traced by radioactive phosphorus	Sept. 6	53
Moth proofing rinse for woolens	Dec. 20	61
Motors:		
Enclosed, high-slip induction motor	Nov. 15	55
Standard for ac motors 1 to 30 hp approved	Nov. 29	54
Munitions markets for the chemical munitions	Oct. 11	50
Chemical Corps. leasing standby munitions plants	Sept. 27	16
Indiana Ordnance Works at Charlestown production lines go into operation	Sept. 27	16
Mutro Chemical Co. constructing Portman's V.A. plant	Aug. 2	53
Mutual Security Agency wishes manufacturers to display MSA "emblem" on exports	Aug. 30	26

N

Naphthalene:		
1950 production and projected production for 1955 and 1975	July 5	30
Productol Co. opens plant at Santa Fe Springs, Calif.	Sept. 13	16
National Agricultural Chemicals Assn. meets at Spring Lake, N. J.	Sept. 20	55
National Chemical Exposition in Chicago	Sept. 20	18
National Distillers Products buys Algonquin Chemical Aug. 2	15	40
National Fireproofing Corp. changes name to Naton Corp.	Dec. 27	32
National Lead Burning Assn. to give information on lead as a construction material	Aug. 30	31
National Lead Co. to acquire assets of Donovans Corp.	Dec. 27	12
National Production Authority—Chemical Division gives the score on chemical mobilization	Oct. 18	15
National Research Council awards Merck fellowships	July 5	42
Natural Gas:		
Austin, Tex. natural gas tax suits merged	Oct. 25	16
Canadian king of its gas	July 19	24
Dow Chemical files suit against gas and oil companies	Oct. 4	15
Gas pipeline tax	Dec. 13	17
Hydrogen from natural gas in the synthesis of ammonia	Aug. 30	28
Plans to export natural gas to Northwest U. S. receive Canadian approval	Oct. 25	15
Predicted requirements for 1955, 1960, 1975	July 5	34
President's Materials Policy Commission reports on estimated petroleum and natural gas requirements for petrochemical industry	Aug. 16	57
President's Materials Policy Commission surveys sources of energy	Aug. 16	34
Westcoast Transmission arranges for funds for Pacific Northwest natural gas line	Nov. 1	14
Neutron part of micro-analytical device at Stanford Research Institute	Nov. 22	40
Newton Chemical Co. incorporated	July 26	43
Nickel:		
Falconbridge Nickel finds new nickel-copper ore body	Sept. 13	16
Sheritt Gordon's Alberta refinery—score card in metal process	Oct. 11	44
Tinchev, Alaska properties staked by E. M. Flynn for Toronto interests recognized	Dec. 13	18
U. S. will purchase nickel from two Canadian mines	Oct. 11	16
Nigeria negotiating with American Smelting & Refining	July 19	19
Nitrates—Rocky Mountain Chemical proposes ammonium plant at Billings, Mont.	Oct. 4	16
Nitroolefins help to make cold rubber without cold	Aug. 2	61
Nitric acid—Northern Chemical Industries will build plant at Sandy Point, Me.	Sept. 20	16
Nitrofurantoin bactericide	Oct. 11	31
Nitrogen:		
Phosphate, nitrogen and potash growth areas a growing need	Dec. 20	54
Titanium looking for U. S. capital to make possible production of nitrogen compounds	Nov. 1	16
Nitroparaffin, aliphatic—determined by Commercial Solvents	Nov. 29	50
Nobel Prizes:		
A. J. P. Martin and R. L. M. Syngle receive Nobel prizes for liquid-liquid partition	Nov. 15	17

Nobel Prize in medicine won by S. A. Waksman for discovery of streptomycin	Nov. 8	38
Noise annoyance should be checked	Nov. 29	50
Norsk Hydro planning expansion	Dec. 20	26
North American Cyanamid Ltd. moves into Montreal plant	Sept. 13	46
Nozzle, Hayege sparger	Nov. 15	55
Nucleoproteins to be discussed in symposium	Aug. 2	63
Nylon:		

Allied Chemical may produce a caprolactam based nylon	Aug. 9	15
Decision in anti-trust suit against Du Pont and ICI rouses resentment in England	Sept. 13	14
Imperial Chemical Industries and DuPont in U. S. and international dispute over British patents	Nov. 1	14
Nylon stocking tins	Sept. 13	51
Rapid tax writeoffs only for production of nylon	July 12	11
Switzerland company to make caprolactam monomer for its nylon	Aug. 30	18

O

O-Cel-O to merge into General Mills... Nov. 15

Odors:		
Airkem, to chase post-fire smoke odors, packed in polyethylene bottles	July 26	43
Odor control	July 5	67
Pine oil put in river to mask odor	July 12	44

Office of Price Stabilization:

Amendment to General Overriding Regulation 3	Sept. 6	65
Chemical Specialties Mfrs. Assn. urges that specialties products be decontrolled	Oct. 25	67
Tighe E. Woods now director	Sept. 6	15
Ohio Rubber Co. stock bought by Eagle-Picher	Aug. 2	15

Oils:

Chavon process for rendering animal fat; Kingman process with flash heat	Dec. 20	42
Cold rendering for extracting oils and fats from bones	Nov. 8	60
Drying oil based on linseed oil and styrene	Nov. 1	45
Fatty oil producers asked whether they want a change in Census reports	Nov. 8	24
Fritzsche Bros. of Canada to have new building	Nov. 1	45
Ice Cream imitations in which vegetable oils replace butterfat	Nov. 1	54
S. C. Johnson & Sons sell wax-type cutting oil	July 26	44
Liquid oil—packing out package plants for extracting oil from cotton or other seeds	Sept. 27	60
New oil for crepe soaking of rayon	Aug. 30	34
Newport Industries planning plant for tall oil	Dec. 27	12
Silk-soaking oils	July 26	43
Soybean and cotton seed oil sales increased by big oleomargarine dealers	Aug. 30	45
Tall oil manufacturers and kraft paper firms form export association	Oct. 4	59
Olefins—Predicted requirements for 1955, 1960, 1975	July 5	33
Oleomargarine—booming sales mean big raw material demand	Aug. 30	5
Ordnance plant at McGregor, Tex. to be operated by Phillips Petroleum	July 19	16

Organic acids:

Distillation Products Industries adds eleven more.	Nov. 1	32
Ten newcomers added to list	Dec. 20	38
Outdoor plant in Elizabeth, N. J. built by Reichhold Chemical	Nov. 29	54
Perkin-Elmer opens sales office in New Orleans	Oct. 25	54
Perlon—West Germany to increase production	Dec. 6	13
Perlon stockings in East Germany	Dec. 13	24

Organic acids:

Acetate laminated to a heat seal coated paper panel	Dec. 20	58
Private label, chemical packaging is expanding	Aug. 30	23
Packaging machine	Nov. 29	60
Psychometrics to test consumer reactions to new packages or products	Dec. 20	61

Paints:

American Chemical Paint Co. acquires plant in California	Oct. 4	48
American Chemical Paint's suit against Octagon Process for patent infringement	Oct. 18	26
American-Marietta diversifies for strength	July 5	55
Antimold paint	Sept. 20	61
Canadian Industries putting greater emphasis on its paint and varnish business	Nov. 29	48
Du Pont's Teflon paint at \$75 per gallon sells briskly	Oct. 18	52

P**Packaging:**

Acetate laminated to a heat seal coated paper panel	Dec. 20	58
Private label, chemical packaging is expanding	Aug. 30	23
Packaging machine	Nov. 29	60
Psychometrics to test consumer reactions to new packages or products	Dec. 20	61

Latex paints instead of "rubber-based"	Dec. 13	54
New latex emulsion paints	July 19	36
Oil-soluble wetting agent possesses an anti-sagging additive	Oct. 11	59
Phthalocyanines pigment prodiges	Nov. 29	31-46
Aaron Permut—report	Nov. 29	31-46

Paper:

Electrochemical recording paper	Nov. 8	40
Instrument to measure the stiffness of commercial paper	Oct. 25	34
Kraft paper and tall-oil naphtha	Oct. 4	59
Low cost papermaking	Dec. 20	16
Olin Industries Inc. to build paper mill in Arkansas or Louisiana	Dec. 20	16
Snyder Chemical to concentrate on specialty papermaking research	Nov. 29	50

Paper see also Pulp

Paraffin:

Paraffin—Phillips Petroleum starts production in Venezuela	Dec. 13	18
Parathon caution issued by Florida Conservation Commission	Sept. 6	67
Parko, Davis & Co. to have sales building in Detroit	Dec. 6	48
Will erect laboratory in Venezuela	July 19	19

Patents:

AEC withhold pay for design of ultra-centrifuge for isotope separation	Aug. 23	19
Du Pont and Imperial Chemical Inds. to finish compiling list of patents	Dec. 13	30
High points in the new patent law	Dec. 13	24
Italy has limited drug patents	Nov. 15	24
Italy reluctant to issue patents to American companies	Aug. 9	17
New patent law	Aug. 2	63
Philips Laboratories Inc. issued 85 patents in one month	Nov. 22	44
Proposed incentives for government employees	Aug. 16	49
Schering Corp. vs. U. S. Government on German patents	Dec. 13	16

Penicillin:

Austria refuses to import	Oct. 4	24
Expansion goal	July 26	52
Hungary expected to have a surplus for export	Oct. 4	24
Italy to start rapid method for determining penicillin in culture fluids or crude preparations	Nov. 1	32
Market conditions—exports, prices, manufacturers	Nov. 29	69
Poland producing crystalline penicillin	Nov. 22	34
Powderized penicillin	Oct. 25	67
Refuse penicillin to be used in Denmark	Nov. 29	50
U. S. not to export to Belgium	Oct. 18	22

Penitentiary International Corp. to have new company in Brazil

Pentachlorophenol:

Research shows chemical when used as wood preservative not harmful to livestock	Aug. 2	63
Pentaerythritol phosphate patents issued	Oct. 18	40
Peptone intermediate now offered by Mann Research Laboratories	Oct. 18	40
Perkin-Elmer opens sales office in New Orleans	Oct. 25	54
Perlon—West Germany to increase production	Dec. 6	13
Perlon stockings in East Germany	Dec. 13	24

Permanent waving:

Home wave kit manufacturers dig out old ideas and add	Aug. 23	42
McDonald known for his development of the "cold" wave receives medal	Dec. 27	42
Toni Co. tests hair waving preparations	Sept. 6	67
Woolmark	Sept. 13	51
Dog-stick to kill insects	July 19	48
Mexico—Stauffer builds pesticide plant	Dec. 27	10

Pesticides:

Estimated investment in petrochemicals in 1958 and 1962	July 19	23
Petroleum Materials Policy Commission reports on raw materials required for petrochemical end uses	Aug. 16	57
Sumit-Solvay forms sales group to market new products from petroleum	Dec. 20	62
Shell Chemical discusses petrochemicals at MCA meeting	Dec. 6	50

Petroleum:

American Petroleum Institute has three more standard samples	July 26	33
American Petroleum Institute research program ten years old	Nov. 22	42
Brown American Oil will add to facilities at Clarkson, Ont.	Nov. 1	14
Cepsa, Spain to produce petroleum aromatics	Aug. 30	18
Cities Service to expand its East Chicago, Ind. refinery	Nov. 1	14
Esso Standard Oil starts storage terminal at Paulsboro, N. J.	Oct. 25	41
FTC accuses oil companies of forming cartel	Sept. 6	15
FTC charges of cartel assault	Dec. 13	18

Florida Petrochemical plant opposed, company changes plans.....	Aug. 30 20	Phthalic Anhydride:	Brazil is producing.....	Nov. 8 28	Montecatini to begin production.....	Nov. 8 28
General Petroleum Co. to construct a Thermo catalytic reformer.....	Nov. 29 10	1950 production and projected production for 1955 and 1975.....	July 5 30	Production now ample.....	Aug. 30 10	
Growing importance of the Philadelphia area as a petrochemical center.....	Oct. 25 41	Phthalate anhydride division of Monsanto, Everett, Mass., adds dioctyl ester.....	Oct. 11 16	Polyols scramble.....	July 26 51	
Haber Products Pipeline being built between N. Y. and Philadelphia.....	Oct. 25 41	Phthalocyanine pigment prodiges Aaron Permut report.....	Nov. 29 31-46	Polystryrene:	July 26 43	
Humble Oil & Refining to add a catalytic polymerization unit to its Baytown, Tex., refinery.....	Nov. 1 14	Pier 57 for New York City is ready for delivery.....	July 26 63	Dow Chemical begins production of polystyrene at Alton's Point, Conn.	Nov. 8 16	
Humble Oil to construct solvent deasphalting plant at Baytown, Tex.....	Nov. 15 17	Pigments Phthalocyanines: pigment prodiges, Aaron Permut—report	Nov. 29 31-46	Dow's new polystyrene plant ships up the Thames River, Conn.	Oct. 4 59	
Movie "Fundamentals of fuel knock" Oil contract for Houdriforming unit to make aromatics.....	July 5 41	Piperonyl butoxide micro-determination developed.....	Dec. 13 36	Polyvinyl chloride film plant under construction by Monsanto Chemical.....	Dec. 13 16	
Phillips Petroleum Co. completes cat cracking plant.....	Nov. 29 20	Piping:		Monte Carlo potash works to be semi-nationalized.....	Aug. 23 22	
Phillips Petroleum dedicated cat cracker plant woods Cross, Utah.....	Dec. 13 48	Continuous pipe reactor providing series of zones each having different temperature.....	Nov. 8 60	International Minerals & Chemical to boost Niagara Falls production by replacing old equipment.....	Oct. 11 16	
President's Materials Policy Commission surveys source of energy. Shell is charged with restraint of trade by requiring dealers to handle only Shell Oils.....	Aug. 16 34	Corrosion resistant tapes for pipe wrapping.....	Nov. 1 35	Nitrogen, phosphate and potash growth meets a growing need.....	Dec. 20 54	
Shell Oil of Canada to expand Vancouver, B.C., refinery.....	Nov. 15 24	Coupling installed easily.....	July 5 67	Potassium pentaborate from Seattles Lake brine.....	July 19 56	
Society-Vacuum, Standard of New Jersey, Standard of California, Texas Co. sued for overcharging Mutual Security Agency.....	Sept. 6 15	Imperial Oil, Ltd., testing plastic pipe for motor crude oil.....	Oct. 18 71	Poultry vaccine.....	July 26 46	
Standard Oil Co. to construct cracking plant at El Segundo.....	Aug. 30 12	Patch for pipe.....	Dec. 13 48	President's Materials Policy Commission reports shortages coming, count on chemicals.....	July 5 25	
Standard Oil of Texas completes refinery expansion at El Paso.....	Nov. 1 14	Patching steel pipes with plastic.....	Oct. 4 43	Pressure regulator and filter.....	Oct. 25 54	
Sun Oil's second catalytic waste-burning unit proving successful.....	Nov. 1 40	Plastic pipe from Detroit.....	Dec. 27 34	Price fixing—Canada to prosecute rubber companies accused of price fixing.....	Nov. 22 30	
Texas City Refining Co. sues California Oil Co. for breach of contract.....	Dec. 27 18	Transparent cellulose acetate butyrate pipe.....	Dec. 20 38	Printer, plastic.....	Oct. 11 59	
Timco-Terminal to construct storage terminal for oil.....	Oct. 25 41	Pittsburgh Plate Glass acquires Murphy Paint, Ltd., and Hobbs Glass.....	July 5 16	Printing method called "Aniline Process" should be called "Flexographic Process".....	Dec. 6 48	
Tions Petroleum is export sales representative for Carlisle Chemical's additives.....	Nov. 22 48	Plasticizers:		Printing on polyethylene presents difficulties.....	July 26 39	
Truman Administration putting the heat on the oil companies.....	Sept. 6 15	Cabot plasticizers.....	July 19 56	Printing, numerical.....	Dec. 27 30	
Wages high in petroleum stills.....	July 19 13	Exxon fatty acid esters to be vinyl ester aid.....	Sept. 27 55	Pro-By Chemical, Inc. organized.....	Nov. 8 46	
Pfizer & Co., Chas., briefs medical students on their products for vacation.....	July 12 32	Monsanto establishes Perth Amboy, N. J., distributing station.....	July 5 50	Processing Oils and Chemicals Assn. to change name to Textile Chemical Mfg. Assn.	Dec. 13 57	
Opens Atlanta office and warehouse	Sept. 13 46	Pittsburgh Coke & Chemical to start new unit for plasticizers.....	Oct. 25 18	Progesterone made available by Radioactive Products.....	Dec. 6 34	
Pharmaceuticals:		Plastics:		Protons are part of impurity-detecting technique at Union Carbide's Oak Ridge Lab.	Nov. 22 40	
Australia does not restrict imports of short supply drugs.....	July 19 19	American Plastics is bringing out a product designed for the householder.....	Aug. 2 46	Protovatrine research.....	Oct. 4 34	
Australia opposes investigating committee to study proprietary drugs.....	Aug. 9 24	Bakelite Co. puts out film called "Flight to the future".....	July 5 49	Psychometrics to test consumer reactions to packages or new products.....	Dec. 20 61	
Australia orders price reductions on medical supplies.....	July 26 20	Boosting the durability of automobile bodies with plastic under-coatings.....	Sept. 13 49	Publicans—scientists make good neighbors, too—Beacon Laboratories, Texas Co.	Aug. 9 21	
Chesterfield to make a medicant vehicle.....	Aug. 16 31	Canned bandage.....	Dec. 13 52	Publicker Industries purchases fermentation plant.....	Dec. 20 18	
Indonesian pharmaceuticals.....	July 26 20	Cooling tower fan blades encased in plastic.....	Nov. 8 61	Pulp:		
Treat for feet.....	Sept. 13 51	Development of improved plastic materials for high-altitude balloons.....	Oct. 25 36	American Viscose and Puget Sound Pulp & Timber receives loan for plant in Alaska.....	Aug. 23 15	
Pharmaceuticals see also Drugs		Dixon Lubricating Saddle Co. to make oilless Rulon plastics.....	Nov. 1 46	Cellulose Development receives license for its pulping operations.....	Nov. 15 18	
Phelps-Dodge buys interest in Amerada Petroleum.....	Oct. 11 16	Dow Chemical adds new heat-resistant Styron plastic.....	Aug. 30 40	Finland to expand its wood products industry.....	Dec. 6 13	
Phenol:		Dow Chemical has a new rigid thermoplastic.....	Oct. 4 42	Japan to import pulp from Canada, Finland and Sweden.....	Dec. 27 10	
Bakelite completes work on new production unit.....	Sept. 20 18	Direct a phenolic plastic for electrical applications.....	July 5 41	Japanese pulp manufacturers eyeing Alaskan forests.....	Sept. 20 28	
1950 production and projected production for 1955 and 1975.....	July 5 29	East Germany's advances in plastics.....	Dec. 13 23	Projected mill to be built near Juneau, South Africa to have wood pulp and rayon works in Natal, Aug. 23 22; Oct. 4 24	Sept. 27 16	
Philippine Republic foreign chemical consultants regulated by government.....	Oct. 4 26	Expanded plastics (tables).....	Dec. 20 32	Pulp see also Paper		
Phillips Chemical Co. sales division building office.....	Dec. 6 48	Fluoroplastics rods and slugs.....	Oct. 25 54	Pulverizer.....	Aug. 16 38	
Phosphate:		Future for plastics discussed at the Chemical Marker Research Assn.	Dec. 27 48	Pumps:		
Alaska Fertilizer to mine phosphate rock near Bartow, Fla.	Dec. 6 14	Lighter casts for bone fractures.....	Aug. 16 31	Air-operated pump.....	Nov. 8 61	
Dicalcium phosphate to be produced at Trenton by Monsanto.....	July 5 16	Monsanto Chemical Co. gives a lecture on "How to be handy with plastics".....	Dec. 6 48	Carboy pump.....	Oct. 25 54	
Japan reduces imports of phosphate rock.....	Aug. 9 24	Silicone based mold release compound for plastics.....	Sept. 20 61	Gasoline pump for fire fighting.....	Aug. 30 31	
Jordan to export raw phosphates to Germany.....	July 5 20	Texas Eastern may produce polyethylene plastics.....	July 12 11	Metering pumps.....	Oct. 25 54	
News on manufacture of feed grade animal phosphate.....	Oct. 4 37	West Germany has plastic show....	Oct. 18 62	Piston pumps.....	Aug. 16 38	
Nitrogen, phosphate and potash growth meets a growing need.....	Dec. 20 54	Ply On Coatings, Inc. formed.....	Aug. 23 44	Proporportioning pump.....	Aug. 2 51	
Phosphorus report, Joseph Gordon, Texas City Chemicals to commercialize a feedgrade phosphate using wet-process acid.....	Aug. 2 26	Polymethyls:		Safety pump.....	Sept. 27 60	
Tures Products, Inc. has new line of phosphating materials.....	Oct. 4 37	Lederle develops the first effective antipolio vaccine.....	Nov. 1 33	Screw pump.....	Aug. 9 55	
Phosphoric acid.....	Nov. 8 46	Studied in the University of Wisconsin.....	Sept. 13 36	Seal-less pump.....	Aug. 16 37	
Phosphoric acid and phosphonic acid.....	Sept. 27 56	Anatomatic polish.....	Nov. 1 45	Purex Corp. occupies new plant.....	July 12 44	
Phosphoric Acid:		Car-Groom made with no silicones, mineral waxes, or resins.....	Sept. 20 57	Pyrindines:		
Phosphorus report, Joseph Gordon, Virginia-Carolina to soon start its wet process phosphoric acid.....	Aug. 2 26	Shoe polish with silicones makes water-repellent finish.....	Nov. 29 73	Phillips Chemical producing methylvinyl pyridine near Houston.....	Nov. 15 17	
Phosphorus for television tubes vault to a new high.....	Aug. 23 14	Polonium in Static-Master brushes is dangerous.....	Nov. 15 24	Production of pyridines and nitriles.....	Sept. 20 65	
Dec. 27 36	Polyalkylene sulfide polymers yield products by research.....	July 5 41	Pyrimidines from reaction between acetylene and nitriles.....	Sept. 3 34		
Phosphorus:		Polyester film plant to be constructed in Japan.....	Nov. 29 20	Sept. 13 34		
Knapasch-Griesheim A. G. Knapasch bei Kolin company formed from A. G. Farben pieces to make phosphorus.....	Nov. 1 16	Polyethylene		Q		
Monsanto to complete furnace at Idaho.....	July 5 16	Bottle made which can be sprayed in inverted position.....	Nov. 29 73	Quantometer analyzes elements in allied and other inorganic materials.....	Nov. 22 16	
Norway building elemental phosphorus furnace.....	Oct. 4 24	Carbide & Carbon to build plant on West Coast.....	Aug. 9 15	Quaternary ammonium compounds in liquid media estimated.....	Sept. 13 36	
Phosphorus paint applied to side of railway cars.....	Oct. 11 59	Difficulties of printing on polyethylene.....	July 26 39	R		
Phosphorus report, Joseph Gordon, Two cooperatives want to invest in Idaho plants.....	Aug. 2 26	German firm to produce.....	Oct. 18 22	Racemis is an organization of salesmen and purchasing agents.....	Nov. 15 51	
July 5 16	Hair powder in spray bottles.....	Sept. 6 67	Radioactivity:			
Phosphated heparin used for anti-fertility experiments.....	Oct. 25 29	Hair thinning compound in polyethylene bottle.....	Aug. 16 31	Cobalt-60 found superior for sterilizing drugs.....	Aug. 9 36	
Photoelectric counter.....	Dec. 13 46	Magazine mailing container of polyethylene.....	Dec. 6 57	Glow of radioactive cobalt determines effect of radiation on materials—Kodak Atomic Power Lab.	Nov. 15 36	
	Molded sheets.....	Dec. 20 68	Moquitos traced by radioactive phosphorus.....	Sept. 6 53		
			Radiation's effects on crops determined at Calif. Inst. of Technology.	Oct. 25 30		

Radiochemical research helped by movable lab unit for operations involving isotopes	Sept. 20	72	
Scintillation counter to test adhesion of asphalt to road stone	Oct. 4	34	
Striking while it's hot	Nov. 22	38	
Tracerlab keeps employees happy through "Auxiliary Board of Management"	Sept. 27	18	
Tracerlab preparing radioactive benzene, toluene and benzoic acid	Dec. 13	36	
Radioactivity see also Isotopes			
Railroads:			
Bargain chips worry railroads	Dec. 20	68	
Change from steam to diesel locomotives brings changes in chemical needs	Aug. 23	41	
Railroad industrial agents give information, round up revenue	Sept. 6	49	
Railroads should not oppose better highways and more liberal trucking regulations	Oct. 11	49	
Rate earths—Lindsay Chemical to expand production	Aug. 16	14	
Rayon:			
American Enka to expand facilities at Lowland, N. C.	Dec. 27	12	
Argentina will be self-sufficient in rayons when new factory starts	Nov. 22	32	
Austrian viscose plant producing at half price	Nov. 22	34	
Celanese Co. in Venezuela begins production	Dec. 13	18	
Celanese joins with Colombian coffee jet interests to form company	Sept. 13	20	
Predicted requirements for rayon in 1953, 1960, 1975	July 5	33	
Rayonier, Inc. embarks on promotion program	Nov. 15	44	
Reactometer	July 5	67	
Reading rate accelerated	Aug. 23	19	
Research:			
Czech chemists discover new reagent for iron	July 5	42	
4,7-diphenyl-1,10-phenanthroline as a reagent for iron	Nov. 1	32	
Reagents for fibers	Dec. 20	61	
Research:			
American Fofash & Chemical Corp., constructing laboratory	July 12	50	
Antidote up-to-date (table)	Aug. 16	47	
Barrett Div. of Allied Chemical & Dye opens new Edgewater lab	July	26	33
Barrett Div., Allied Chemical & Dye Corp., to shift morgane research to new site	Nov. 1	33	
British Columbia Research Council organized	Nov. 29	50	
Bureau of Internal Revenue rules that individual foundations, universities and institutes will be taxed	Sept. 27	52	
Business volumes of the Independent Research Institute (chart)	Aug. 9	32	
Canadian Industries Ltd. opens paint research laboratory	Nov. 8	38	
Canadian Industries to expand McMasterville, Quebec laboratory	Nov. 15	42	
Carnation Co., to have research center at San Jose, Calif.	Aug. 16	51	
Carver colleagues in chemistry	Sept. 13	14	
Defense Dept. changes the rules on business research	Dec. 20	38	
Du Pont to prepare for Wilmington research laboratory	Nov. 22	44	
Du Pont constructing research building for explosives	July 26	33	
Du Pont to build textile fiber laboratory	Sept. 20	75	
East Germany's chemical research drive	Aug. 23	38	
Ethyl Corp. realigns its research service organization in Detroit	Nov. 29	63	
Europe has very few consulting laboratories says Los Angeles consultant Evans	Nov. 29	50	
Evans Research & Development Corp. adds lab for organoleptic testing services	Nov. 15	42	
How research is changing the hypertension drug picture	Dec. 27	22	
Hunter Associates Laboratory devoted to appearance of materials	Nov. 22	44	
International Minerals and Chemical Corp.'s new lab at Skokie, Ill.	July 12	50	
Jefferson Chemical adding to Austin laboratory	Oct. 4	34	
Walter Kidde Nuclear Laboratories advisory committee	Nov. 29	18-50	
Walter Kidde Nuclear Laboratories' new Garden City facilities ready for services	Oct. 25	34	
Lederle Laboratories has new mycology building at Pearl River	July 19	36	
Levco Bros. moves into new research center in Webster, Ia.	Nov. 15	39	
Arthur D. Little, Inc. establishes an international research division	Nov. 22	42	
MSA supports antibiotics research by Norwegian girl	Aug. 2	63	
Market research booklet	Aug. 16	44	
Midwest Research Institute claims research is climbing	July 19	39	
National Bureau of Standards adds long-term laboratory	Nov. 8	38	
National Gypsum plans a research center	July 26	36	
Navy's Radiological Defense Laboratory is windowless	Dec. 13	36	
Organic Chemicals Div. of Monsanto Chemical, establishes lab	Aug. 30	34	

Pakistan and Ceylon research potential investigated for United Nations	Nov. 15	42
Procter & Gamble discusses new laboratories at Miami Lake, Ohio	Oct. 4	29
Research Corp. organized for altruism	Nov. 22	37
Review of the research personnel's needs	Sept. 6	54
Should you invest in foreign research?	Nov. 8	35
Southern Kraft Div. new research laboratory, Mobile, Ala.	Nov. 15	40
Spotlight on directors—reports	Nov. 15	34
Tennessee Eastman constructs technical service laboratory in Kingsport, Tenn.	Oct. 18	56
U. S. Dept. of Agriculture to construct hoof and mouth disease laboratory	Oct. 4	34
U. S. Tariff Commission gives data on research	Oct. 18	38
Warner-Chilcott Laboratories combines research distribution and sales	Dec. 20	65

Synthetic rubber plant of Goodyear Tire & Rubber to expand	Nov. 29	20
Synthetic rubber to be studied by Reconstruction Finance Corp.	Aug. 16	50
U. S. rubber consumption 1948-1952	Oct. 18	67
U. S. Rubber produces cold rubber at Port Neches	Dec. 6	14
Vinyl pyridine latex output increased at General Tire & Rubber	Oct. 11	60
Vulcanol, Bayer's new synthetic rubber	Nov. 8	40
Western Germany receives synthetic rubber bonus	July 12	36
Russia's five-year chemical plan compared to U. S.'s four year plan (charts)	Oct. 25	20
Rust preventive for boilers	Sept. 27	84

S

Safety:		
Chemical industry's accident record	Sept. 13	13
General Electric installing centralized safety stations in chemical plant	July 19	30
Goodyear Synthetic Rubber fights new safety regulations at Akron plant	Sept. 20	18
Kent Motor Express Co. fined for failing to place warning signs on trucks	Dec. 27	18
Picture symbols for containers of hazardous chemicals, training for chemical employees before Int. Labor Conference	Nov. 15	17
Pictures instead of words	Dec. 20	62
Safety device to protect operators from electric machinery	Sept. 13	61
Safety slogans put on paper cups	Nov. 22	73
Sage Laboratories designs chemical line for supermarkets	Nov. 8	46
Sales agencies of recent date	Nov. 15	46
Sales and the buyers' market discussed by American Marketing Assn.	July 12	37
Sales—do you stack up as a growth company?	Dec. 20	24
Salemen's Assn. of the American Chemical Industry holds first Chemical Sales Clinic	Nov. 8	50
Salemen and purchasing agents form organization known as "The Racemates"	Nov. 15	51
Salt—Canadian salt deposits (map)	Sept. 20	23
Saran now competing for the consumer dollar	Sept. 27	16
Produced in Japan	Nov. 15	30
Saw cut bricks	Dec. 27	32
Scientific Apparatus makers Assn. surveys its industry's sales costs	Nov. 15	46
Screen clogging stopped by electric current fed by insulated cables	Dec. 20	46
Sea sickness treated with combination of benadryl and hyoscine	Dec. 13	57
Seed disinfectant	July 12	42
Selenite, conductive	Aug. 16	51
Ronson Chemical Ltd., Japan, begins operation	Aug. 23	22
Shaving cream, Whiskoff	Sept. 20	61
Shaving lathers, aerosol dispensed, slated for a big boost	July 5	53
Shawinigan Chemicals may build factory in England to produce calcium carbide	Sept. 27	14
Sheet metal Corp. chooses Denver as headquarters	Aug. 16	44
Shell molding, a new foundry method for castings	Aug. 23	56
Shipping index for tramp ships	July 19	54
Ships that are self-unloading	Nov. 29	58
Silicate chemistry at University of Toledo	July 12	47
Silicones, organic, available by Davison Chemical Corp.	Sept. 20	75
Silicones:		
Dow Corning discloses net sales have swelled	Dec. 6	13
Dow Corning's Silicone Exposition	Oct. 11	49
Great Britain to produce silicone rubber	Aug. 30	16
Johannesburg manufacturer puts silicone into automobile polishes	Nov. 22	34
Lubricants—silicone-based	Aug. 30	34
New resin for electric insulation	July 26	43
Organosilicon compounds prepared by Oxo synthesis obtains silicone	Sept. 27	55
Silicon-oxyhydride	Sept. 13	39
Silicone based mold release compound for plastics	Sept. 20	61
Silicone insulation	Dec. 27	32
Silicone rubber in the raw	Aug. 9	29
Water repellent for clothing	Sept. 13	51
Wurck Chemical Co. files suit against Dow Chemical Co. on use of silicones in masonry water repellent	July 12	5
Singmaster of California formed by three companies	Dec. 20	48
Sisal juice contains hecogenin	Aug. 9	36
Skins, made in barrel	Dec. 6	52
Sleeping pill which wakes the sleeper in eight hours	Dec. 6	44
Sleeping sickness may be helped by Achromycin	Sept. 27	55
Smith-Douglas to acquire Coronet Phosphate	Sept. 27	14

Smoke Pollution:

Houston, Tex., source of trouble about industrial fumes (map of companies)..... Oct. 4 19
 Louisville, Ky., to survey plants for smoke control..... Oct. 4 16
 Political issue in city halls..... Nov. 15 21
 Smoke patrol in Philadelphia..... Oct. 18 24
 Smoke pollution see also Air pollution
 Smelting process to withdraw from European cartels of synthetic fiber makers..... Dec. 20 28
 Synder Chemical Corp. and American Research & Development to be reorganized..... Sept. 20 24

Sap:

Armour & Co. fined for price fixing agreements..... Dec. 27 18
 Cowles Chemical Co. puts new process soap on the market..... Oct. 25 59
 Magnetized soap..... Sept. 20 59
 National Renderers Assn. discusses decline in soap production, rise in detergents..... Dec. 13 62
 New soap for use with side-loading washers..... Dec. 20 58
 Production of synthetics, soaps, and triplets; Joseph Gordon..... Aug. 2 34
 Synthetic detergent bar..... Aug. 9 39
 Soda ash—Wyo-Chevron Chemical strike causes shortages which producers are trying to overcome..... Oct. 18 66

Sodium:

Metallic sodium to be sold by U. S. Industrial Chemicals Div. of National Distillers..... Nov. 8 52
 Sodium marbles with thin coating offered by Humble Wilkinson..... Aug. 2 50
 Sodium chlorate production to increase Dec. 6 57
 Sodium pentaborate from Seaford Lake brine..... July 19 56
 Sodium perborate—American Metallic Chemicals constructing plant..... Sept. 20 18
 Sodium polyacrylates production expanded at B. F. Goodrich Chemical..... Nov. 22 16

Soil Conditioners:

Acrylum judged as too similar to Krylum in cottonseed case..... Nov. 1 13
 American Cyanimid crop-row treatment to lessen expense..... Aug. 9 41
 Backwash of unfavorable reaction Connecticut's agriculture experiment station to test new conditioners..... July 5 56
 Du Pont to make conditioners under patents issued to Monsanto Chemical Co. Oct. 11 61
 FTC loses complaint against Fluorite; reply made..... Sept. 20 60
 Krylum hurried into production in England..... July 5 19
 Krylum vs. acrylum..... Oct. 4 15
 Manufacturers preparing for their first full seasonal push..... Sept. 13 50
 Monsanto Chemicals to help clarify confusion in the industry and sell the raw materials too..... Sept. 13 50
 National Soil Conditioners Conference to help the manufacturers..... Nov. 29 73
 Product to hold grass seed in place..... Aug. 23 42
 Soil Conditioner Corp. enters field..... Aug. 2 53
 Trade practices conference needed..... Nov. 15 68
 Vermiculite soil conditioners..... Oct. 4 48
 Will you let them get away with it? W. A. Jordan..... Nov. 8 2
 Soil pollution suit in Texas..... Dec. 27 18
 Solder, aluminum-based..... July 5 56
 Solder for metals like steel and aluminum..... Sept. 13 51

Solvents:

Degreasing solvents..... Nov. 1 45
 Sinclair Refining's Houston plant shipping odorless solvents for paints..... Aug. 30 26
 Tennessee Eastman putting out two new solvents..... Nov. 1 31
 Sorbitols—Market for glycerine and sorbitols..... July 26 51
 Spanಡe pellets release medication uniformly..... Oct. 18 52
 Spectra compared through Keysort File..... Dec. 13 46
 Spectrophotometer, electronic..... Dec. 27 34
 Spice research program..... July 26 36
 Squibb, E. R. G. with Matheson Chemicals approved, July 19-13; Oct. 11 16
 Stabilizer for vinyl resins put out by Baker Castor Oil Co. Sept. 13 34
 Standard Oil Co. (Calif.) buys land for refinery..... Aug. 2 15

Standardization:

American Standards Assn. to attempt to promulgate standards for chemical industry..... Aug. 30 26
 Standards in the chemical industry..... Sept. 27 58
 Static electricity in electrical fibers brings market for chemicals..... Nov. 15 65
 Static electricity to be studied..... July 26 33
 Statistics which can be obtained through the Federal Government agencies..... Dec. 13 69
 Steam hose cleaner..... Dec. 13 36
 Steam trap, piston-operated..... July 5 57
 Stearic acid—National Dairy Products buys Texas companies..... July 5 16

to bring its ore from Latin America to the dock..... Nov. 29 59
 Strike entering eighth week..... July 26 13
 Still, molecular..... Nov. 8 60
 Stones, porous, manufactured by Germany to be shown in Chemical Exposition..... Aug. 23 47
 Streptomycin discovery wins Nobel Prize for medicine..... Nov. 8 38
 Strong Cobb & Co. in California plant, Dec. 13 57
 Strophantidus plants a source of steroids for cortisone..... Oct. 25 30

Styrene:

Foster Grant Co.'s new plant at Orange, Tex.,..... Nov. 29 20
 1950 production and projected production for 1955 and 1975..... July 5 30
 Submarine, atomic, model..... July 26 31
 Sugar Research Foundation's laboratories..... Nov. 9 50
 Sulfa lamides—British have patent which improves treatment of open wounds..... Dec. 20 38
 Sulfa-thiazole—Peru bans importation and manufacture..... Oct. 18 22
 Sulite liquors—Synthetic vanillin from waste sulfite liquors..... Dec. 20 16

Sulfur:

Abitibi Power & Paper Co. to open sulfur from pyrite plant..... Aug. 2 15
 Anglo-Iranian Oil's Autohoning process removes sulfur in sour middle distillates..... Nov. 8 60
 Antibacterial agents discovered at Sterling-Winthrop Research Institute..... Dec. 13 36
 Australia to supply its own sulfur..... Dec. 20 26
 Baker, J. T. Chemical Co. to recover sulfur from waste gases..... Oct. 4 40
 Bolivian money problems..... Oct. 18 21
 Economic sulfur export..... Aug. 30 16
 Freeport, Sulfur mining deposit of sulfur in Louisiana marshes..... Oct. 18 68
 Freeport, Sulfur—Surveying sulphite ores in Carroll County, Va.,..... Sept. 13 16
 Great Sulphur Corp., Mexico, reserves sulfur increased..... Dec. 20 28
 Gulf Oil Corp. recovering sulfur from hydrogen sulfide extracted from refinery..... Dec. 20 16
 Gulf Sulphur finds deposits in Mexican properties..... Sept. 27 16; Nov. 22 16
 Gulf Sulphur of Delaware finds sulfur near San Cristobal..... Aug. 23 21
 NPA files against Planters Fertilizer & Phosphate Co. for unlawful use of sulfur..... Oct. 18 26
 N. V. tugboat firm sued for charging above OPRS price for salvaged sulfur..... Sept. 27 22
 Pan American Sulphur Co. to extract sulfur in Vera Cruz, Mexico..... Nov. 8 16
 Phillips Chemical operating Texas plant to extract sulfur from natural gas..... Sept. 6 16
 Shell Chemical puts recovery unit on line in Houston plant..... Oct. 25 18
 Sinclair Refining Co. completes extraction unit at Marcus Hook refinery..... Dec. 13 16
 Spain increases pyrites production..... Sept. 20 23
 Standard Oil of Indiana producing sulfur from waste sulfide gas..... Aug. 30 12
 Stanolind Oil & Gas to extract sulfur from hydrogen sulfide..... Oct. 11 16
 Standard Oil Co. to construct sulfur-iron pyrites plant at Roverval, Que.,..... Aug. 30 12
 Supplies of sulfur and sulfuric acid have increased (tables)..... Sept. 27 77
 Tank barges for transporting liquid sulfur..... Aug. 23 65
 Vanadium oxide helps upgrade gasoline stocks by removing undesirable metals..... Sept. 27 56
 Sulfur dioxide liquid in Canada..... Nov. 15 46

Sulfuric Acid:

Consolidated Chemical Industries plans for production at Baytown and Baton Rouge..... Aug. 16 14
 Cresco Fertilizers, Ltd., being built in Australia..... Nov. 22 34
 Eagle-Picher will build plant near El Paso, Tex.,..... Oct. 4 16
 Filtered Corp. and Shell Chemical exchange products..... Sept. 20 42
 Midwest Research Institute study on costs of making sulfuric acid from various sulfur sources..... Sept. 6 42
 Tasmanian company to build plant..... Oct. 4 24
 Yugoslavia constructing electrolytic zinc plant to produce sulfuric acid as a byproduct..... Dec. 6 13
 Sun Chemical Corp., established new division the General Printing Co. Dec. 13 16
 Sunburn lotions..... July 12 42; Aug. 2 52
 Sun screening agents discovered in France..... July 5 41
 Sun tan cream not freckle proof..... Oct. 4 15

Superphosphates:

Davison Chemical to produce superphosphate..... July 26 19
 Phillips Chemical to construct plant, Aug. 16 14
 Phosphorus report, Joseph Gordon..... Aug. 2 26

Stauffer Chemical, American Smelting & Refining, & Kennecott to erect triple superphosphate plant..... July 26 20
 Western Phosphate begins plant near Garfield, Utah..... Nov. 1 14
 Surveys—Aerial inventory by TVA..... Oct. 25 51
 Switch, small toggle..... Aug. 16 38
 Switzerland broadens chemical sales to Mexico..... Nov. 29 28
 Sylvania Div. of American Viscose expands research work..... Aug. 30 34

T**Tanks:**

Chlorine tank cars ordered by Allied Chemical & Dye's Solvay Div., Oct. 11 49
 Freight rates on tank cars reduced..... July 5 45
 Merchant tanker fleet now the world's largest and finest..... Aug. 30 26
 Tank barges for transporting liquid sulfur..... Aug. 23 65
 Tanker carries butane between Texas and South America..... Sept. 13 48
 Tapes, pressure-sensitive, for draftsman..... Aug. 23 47

Tariffs:

Bureau of Customs Laboratory helps to decide the customs wall..... Dec. 27 52
 Canadian rates rising, U. S. chemical processing companies building brands in Canada..... Nov. 8 19
 Peru tax..... Sept. 13 51
 Scientific Apparatus Makers Assn. pleading for tariff..... Sept. 13 27

Taxation:

German chemicals not exempt from "basic" industries tax..... Sept. 20 24
 How the fertilizer plants are taxed..... Nov. 29 23
 Sales tax exemption for West Virginia farmers to treat growers..... July 26 20
 Tax shift lifted in Georgia..... Sept. 27 24
 Texas natural gas tax..... Aug. 16 22
 Texas unemployment insurance taxes may rise..... Aug. 16 14
 Technic Industries welcomed in Elkin, N. C.,..... Sept. 6 67

Television-Phosphors for picture tubes vault to a \$5 million a year enterprise..... Dec. 27 36
 Terimycin—Charles Pfizer & Co., chemical structure of terimycin, Aug. 9 35
 Terylene, in U. S. marketed under the name Dacron..... Nov. 1 12
 Tesco Chemicals formed..... Nov. 29 73
 Texas sees for land disposal in Duval County..... Dec. 20 18
 Tex-Tech Chemical Corp. incorporates..... Oct. 25 67

Texan acrylic fiber goods to go on sale..... Sept. 6 16
 British bring out new fiber Terylene, in U. S. marketed under the name Dacron..... Nov. 1 12
 Dacron fiber explained by advertisement..... Dec. 27 84
 Detergent duck carpet for airfields..... Nov. 1 16
 DPA's turnrows on rayon and acetate plant applications..... Sept. 27 27
 DPA will give rapid writeoffs only for nylon..... Aug. 9 15
 DuPont to build textile fiber laboratory..... July 12 11
 DuPont working on polyanides..... Sept. 20 73
 DuPont's Cotton Finishes Conference..... July 12 50
 "Itch" from certain chemicals in dress causes suit..... Oct. 18 28
 Mills joining together for textile research..... Oct. 25 32
 Miracle fiber's advertising to be investigated by FTC..... Sept. 27 13
 New synthetic fibers to appear in June..... July 5 20

Reichen fiber similar to Orion fiber marketed in Germany..... Aug. 23 21
 Static electricity in synthetic fibers brings market for chemicals..... Nov. 15 65
 Synthetic fibers predicted requirements for 1950-1953, 1960, 1975..... July 5 34-53
 Wool Bureau's promotional program has a strong anti-synthetic fiber bias..... Aug. 24 13
 Thermocouple assembly..... Oct. 4 43
 Thermocouples may take the place of clinical thermometer in blood donor stations..... Dec. 20 38

Tin:

Bolivian government seizes tin mines..... Nov. 1 18
 U. S. Tin Corp. to erect smelter..... Aug. 23 14
 Titanengesellschaft m. b. H., Germany now wholly owned by National Lead..... July 19 19
Titanium:
 Activity in the industry..... Aug. 9 55
 DPA sets titanium production goal up another notch..... Oct. 18 28
 DuPont surveys market for titanium at MCA meeting..... Dec. 6 50
 DuPont to expand at Edgemere and Kinston..... Nov. 1 14
 England's Fulmer Research Institute prepares titanium by indirect distillation..... Nov. 1 30

Imperial Chemical Industries will erect pilot plants in Britain.	Nov. 29	28	U. S. Public Health survey shows that uranium miners are in good health.	July 19	14	Water Supply:	
Quebec Iron & Titanium begins operation second electric furnace at Sorel, Que.	Sept. 27	16	U. S. Vanadium doubles its capacity.	Oct. 11	16	Corpus Christi to have more water, Dec. 27 9 Mahoning River, Ohio, is full of waste matter Aug. 2 20	
Quebec Iron & Titanium producing iron and titanium slag from limestone deposits.	Oct. 11	10	Vanadium Corp. plans mill in Hite, Utah.	Dec. 27	12	N. Y. City water supply tested to determine radioactive content Oct. 25 32 Pacific Northwest and Texas have shortages Nov. 8 26	
Titanium Metals of America to expand production.	Oct. 25	18	Vitro Chemical, Salt Lake City, plans to double uranium reduction facilities.	Aug. 2	15; Oct. 25	Water systems produced by Myers F. E. Brother Dec. 6 52	
Titanium dioxide to be made in Japan by Gildgen Corp.	Nov. 8	28	West Germany has a source of uranium in the Black Forest.	July 5	20	Water Treatment:	
Toledo Potash Mineral Products acquired Bettcher Corp.	Aug. 23	15	Urea—Five ways to make urea... but more than one way of getting it.	Dec. 13	40	Globaline to purify water in Korea July 26 54 Ion exchange resins used to purify water July 26 41	
p-Toluene-sulfonic acid produced by Smith New York Co.	Dec. 20	38	Utility rate rise by Niagara Mohawk Power opposed by six chemical firms.	Sept. 27	22	Mixed-bed demineralizer Nov. 8 60 Put-O-San water aid July 12 44	
Toxaphene to treat army worms.	Aug. 2	53			Salt water purification studies to be made by the government Sept. 13 31		
Trademark—Ansul Chemical changes the design.	Oct. 25	47			Wax:		
Trailer, hopper-type, carries catalyst.	Sept. 13	18			Fast drying buffing wax for floors Sept. 20 61 German wax was pushed in U. S. Nov. 8 46		
Training:			Vacations—staggered or shutdown?	July 5	13	Lead-free breads wear longer with wax treatments Nov. 29 72	
Franklin & Marshall and University of Pennsylvania arrange for two-day schooling.	July 26	15	Vacuum sealers.	Dec. 20	48	Non-ionic emulsifying wax for cosmetics Aug. 16 30	
Hooker Electrochemical Co. gives course for training executives.	Sept. 6	14	Valves:		The \$100 million market for waxes Sayre & Marsel (tables) Sept. 27 29		
Lecture series given by Charleston Section of A. I. C. E.	July 26	14	Flow control valve.	Dec. 20	48	Petroleum-derived white ceresine type wax Nov. 22 54	
Medical students briefed on Pfizer & Co. products for orientation selling.	July 12	32	Plug valve of stainless steel.	July 26	43	Polychlorine wax put out by Semet-solvay Dec. 20 61, 62	
Transformer non-ventilated dry cooling.	Nov. 8	61	Reusable aerosol valves.	Aug. 2	51	Two new synthetic waxes Nov. 29 75	
Transportation Assn. of America reports on survey of regulations.	July 26	56	Vanillin—shortage to be ended by more synthetic vanillin from lignin liquors.	Sept. 13	55	Helen Wassell has developed some of the widely used rubbers floor-wax formulations Dec. 27 40	
Transportometer.	Nov. 22	73	Vaporizer, table model.	Dec. 27	32	Wax emulsion to give smoothness to fabrics.	Sept. 20 61
Trichloroethylene for rinsing army mess kits.	July 19	47	Vermiculite used as insulation to keep molten metal at right temperature.	Dec. 20	58	Weighing on a conveyor line Nov. 15 55	
Trioxane:			Used in bread making.	Nov. 8	46	West Distributing Co. studies the technique of distribution of many products Oct. 25 43	
Celanese Corp. produced at Bishop, Tex.	Aug. 2	49	Vick Chemical and Colgate-Palmolive-Peet accused of violating Clayton Act.	Aug. 30	10	Western Phosphate, Inc. is the name chosen by Stauffer Chemical & Garfield Chemical & Mfg. for their joint subsidiary Oct. 25 18	
Quartermaster Corps accepts point of trioxane fuel tablets to more competition.	Aug. 16	24	Vinyl chloride—Products sold by Monsanto Chemical now carry two trade names.	Aug. 2	47	Western Publishing Co. Sept. 13 51	
Solid fuel used for heating field rations.	July 26	61	Vinyl film gauge measurement.	Dec. 13	76	Western Uranium & Cobalt Mines changes name to Western Tungsten Copper mines Oct. 25 17	
Trucks:			Vinyls.	July 5	67; Dec. 27	Wetting agent offered by Minnesota Mining & Mfg. July 19 41	
Industrial truck rodeo held at Monsanto Rubber Service Div.	Nov. 22	75	Viscometers.	Dec. 27	34	Wildroot Co. adding to warehouse Aug. 20 34	
Truck transport between Buffalo, N. Y., and Detroit, Mich. now allowed by Canada.	Aug. 2	47	W		Women in the chemical industry Dec. 27 10		
Truckers want to put surcharge on small shipments.	Aug. 16	40			Wood:		
Truck trailers—West Coast sugar on the move.	Sept. 20	48			Sulfuric acid method of converting mill waste to sugar tested by TVA Nov. 8 40		
Tuberculosis:					Turning waste wood into hardboard Aug. 23 47		
Isoniazid for injections to treat tuberculosis.	Nov. 8	46			Waste transformed into Silvacec wood fibers by Weyerhaeuser Timber Co. Dec. 20 40		
North Texas State College developing new antituberculosis drugs.	Dec. 13	36			Wool for knitting produced in Holland Aug. 23 42		
Polish anti-TB experiments.	Nov. 22	42			Worms pest to be treated by toxaphene Aug. 2 53		
Tubing, seamless, in bigger sizes.	Dec. 6	52			Wyeth Inc. opens warehouse in Malden, Mass. Dec. 20 68		
Tubing, seamless molybdenum, price slash.	July 5	67					
Tungsten carbide coatings. Flame-plated.	Dec. 20	48					
Turntable, roller.	Aug. 2	51					
U							
Unilever Co. in Holland is expanding.	July 5	22					
Union Carbide & Carbon F. H. Hogg, former president dies.	Oct. 25	17					
Receives approval of Westchester office.	July 19	16; Aug. 23					
Union Oil of California forms subsidiary called Breca Chemicals.	Nov. 8	26					
"United States" is the supersize superliner.	July 5	55					
U. S. Bureau of Customs Laboratory helps to decide the tariffs.	Dec. 27	52					
U. S. Dept. of Agriculture inspects plants and flowers entering the U. S.	Oct. 18	46					
U. S. Dept. of Commerce says the nation's problem is to sell goods now produced.	Sept. 27	70					
U. S. Navy booklet "Selling to Navy prime contractors."	July 26	61					
Put excess material into storage.	Sept. 27	87					
Unloader for boxcars.	Aug. 16	38					
Unsaturated angelicalactones available.	Sept. 20	75					
Uranium:							
Australia to develop deposits in Northern Territory.	Oct. 4	24					
Canada discovers pitchblende in Slave Lake area.	Sept. 13	16					
Canada's first uranium rush.	Aug. 16	14					
Randfontein Estates Gold Mining Co. financed to build sulfuric acid and by-product uranium plant.	Dec. 20	26					
Waksman, Selman A. discusses antibiotics.							
Warehouse for chemical opened in Montreal by Nichols Chemical Co.	Oct. 11	49					
Warner-Chilcott Laboratories combines research distribution and sales.							
Warren-Hulman constructing plant at Morris Plains, N. J.							
Washington's plans for the future.							
Waste Disposal:							
Fairless Works, Morrisville, Pa. to treat steel wastes with built-in system.							
Filtrat Corp. sued by Game Commission for dumping waste in river.	Oct. 18	26					
Leeds Laboratories pays for cross-county sewage in serving county as well as plant.	Oct. 25	16					
Mathieson Chemical Corp. accused of killing fish by industrial wastes at McIntosh plant.	Oct. 4	15					
Ohio River Water Sanitation Commission working on sewage disposal problems.	Oct. 25	18					
Radioactive wastes safely disposed in ocean mud.	Dec. 6	36					
Wood waste transformed into Silvacec cel wood fibers.	Dec. 20	40					
Water pollution—Buffalo River pollution to be reduced by fresh water from Lake Erie.	Oct. 11	16					
Waterproofing—New waterproofing and waterproofing compound.	July 26	44					
Waterproofing paints, etc. to be made by Walcoite Co.	Nov. 1	46					
Water Repellents:							
Aerosol water repellents.	Dec. 6	40					
Silicone-in-solvent.	Sept. 13	51					
XYZ							
X-ray fixer.	Aug. 2	53					
Zirconium in steel determined by research of the Allied Chemical & Dye Corp.	Oct. 18	40					
AUTHOR'S INDEX							
CASWELL, W. Cameron, You decide: competitors or partners Nov. 1 20							
GORDON, Joseph, Phosphorus: shifting, moving, changing Aug. 2 26							
JORDAN, W. Alec, Nature's magic ingredient Aug. 16 2							
KUTHIL, Richard, Import quotas Nov. 8 2							
MARSEL, Charles J. & SAYRE, J. E., The \$100 million market for waxes Sept. 27 29							
PERMI, M. Aron, Phthalocyanines: pigment properties Nov. 29 31							
RYAN, O'Neill, Jr., Chlorophyll in various forms Sept. 20 2							
SAYRE, James E. & MARSEL, C. J., The \$100 million market for waxes Sept. 27 29							